1460-410
BLM

BLM Manager's Course Guide for Fire Management Training

Summer 1987

#1519600423

D:89079134

BUREAU OF LAND MANAGEMENT
CALIFORNIA STATE OFFICE
CENTRAL LIBRARY COPY

SD
421.3
.B56
1987

BLM MANAGER'S COURSE GUIDE FOR FIRE MANAGEMENT TRAINING

BLM Library
Denver Federal Center
Bldg. 85, OC-521
P.O. Box 25047
Denver, CO 80225

Summer 1987

BLM Library
Denver Federal Center
Bldg. 85, OC-521
P.O. Box 25047
Denver, CO 80225

INTRODUCTION

This section of the BLM Manager's Course Guide provides descriptions of fire management training programs and courses. The Chief, Division of Training, BIFC is responsible for the development and maintenance of this section.

The fire management training program is largely an interagency program serving Department of Interior agencies, the Forest Service, and state and local resource agencies. Whenever possible training courses and materials are developed and administered on an interagency basis to meet the needs of all cooperating agencies.

The Chief, Division of Training at BIFC is the BLMs training program leader for fire management training and works in cooperation with other agencies to ensure that the Bureau's needs are met. When the BLM has a specific need which cannot be met through interagency resources, the BIFC Division of Training develops and administers those programs necessary to meet that need.

The majority of fire management training courses are developed centrally using the best available expertise and packaged for instruction at the lowest practical organizational level. Published training courses and materials are available for purchase either through the BIFC Warehouse or the National Audiovisual Center (NAC). BIFC also provides assistance to field offices in coordination and instruction of local courses.

IMPORTANT NOTES:

1. The BLM, along with other resource management agencies participating in the National Wildfire Coordinating Group, has adopted a new fire qualifications system based on the Incident Command System (ICS). This system, the National Interagency Incident Management System, requires the successful completion of designated training courses in order to qualify for a specific position. Many of these courses (I-courses) are not yet available in final form and many will have to be adapted to meet specific training needs. The BIFC Division of Training will provide draft materials, information, and assistance in the implementation of this training. Until I-courses are fully available and modified to meet training needs, S-courses may be needed as a training resource. Therefore, both the I and S-courses are included in this Guide.

2. At this time, training development efforts are underway in a number of fire management areas to include fire management analysis and planning, prescribed fire, fire prevention, and dispatcher. The BIFC Division of Training will provide information and assistance as materials become available.

CONTENTS

PAGE

Introduction i

BLM Fire Training Responsibilities and Programs 1

Suppression/Skills Courses (S-Courses) 5

Incident Command System Courses (I-Courses)

(Descriptions Not Included) 51

(Descriptions Included) 52

Prevention Courses (P-Courses)

(Descriptions Not Included) 135

(Descriptions Included) 137

Management Courses

(Descriptions Not Included) 143

(Descriptions Included) 145

Instructor Training Courses 181

Appendix A--Guides and Handbooks A-1

BLM FIRE TRAINING RESPONSIBILITIES AND PROGRAM

RESPONSIBILITIES:

General responsibilities for the Bureau training program are contained in Bureau Manual 1400-410.

The following are additional responsibilities pertaining to fire training:

The Headquarters Office Chief, Division of Fire and Aviation Management is responsible for developing, operating, interpreting, and evaluating all phases of BLM fire management training.

The BIFC Division of Training is responsible for recommending Bureau fire training curricula, policy, and standards, and for developing, coordinating, implementing, and evaluating fire and aviation management training for BLM and, as requested, for other cooperating agencies. The Division coordinates fire training activities with other Federal and state agencies to achieve an effective interagency program.

The state fire management officers are responsible for identifying state fire training and qualification needs; coordinating with state training officers for development of annual training plans; coordinating fire training activities which occur within the state, including coordination with other agencies; conducting fire training activities at the state level; and maintaining fire qualifications and training records for all state fire management personnel.

The district fire management officers are responsible for identifying district fire training and qualification needs; planning, coordinating, and conducting fire training activities at the district level, including interagency coordination; and maintaining fire qualification and training records for all district fire management personnel.

PROGRAMS:

The following instructional programs are available through the Boise Interagency Fire Center (BIFC) and the National Advanced Resource Technology Center (NARTC).

BIFC TRAINING PROGRAM (BIFC Division of Training, Technical Development Branch).

The BIFC training program develops, coordinates, and conducts National or Regional fire training courses, seminars, and related activities at the BIFC Training Center. Training is conducted at BIFC in subjects where there is an identified Bureauwide or interagency need for centralized training course or seminar. This program may also provide support to a specific agency, state, or regional office when:

- The training conducted meets an interagency need.
- Courses are open to trainees of all cooperating agencies.
- The support is within the terms of an approved agreement.

An average of 20 national and regional courses are sponsored by this program each year and attended by fire personnel from throughout the United States. BIFC courses are closely coordinated with the schedules of cooperating agencies and regional level training centers in an effort to meet common needs, reduce unnecessary duplication of training, and reduce travel costs for trainees and instructors.

Instructors in the BIFC program are contributed by participating agencies. Instructors are selected from highly qualified personnel who have instructional ability and fire expertise.

Tuition is charged for all courses sponsored in the BIFC training program to cover course presentation and material costs. Tuition varies by course based on actual costs. Tuition for BLM employees is paid by the BIFC Division of Training. Tuition is charged based on selection to attend training, not on actual attendance.

Nominations for BIFC courses must be submitted to the Chief, Division of Training, prior to the nomination closing date. All nominations will be accompanied by a SF-182 or BIFC nomination form (BIFC 1370-7 July, 1984). State Directors will submit nominations by priority. They will also sign off that each nominee has met all course prerequisites and is fully qualified to attend the course. Most courses are oversubscribed, therefore, not all nominees are guaranteed selection. Substitutions or cancellations should be avoided.

FIELD TRAINING PROGRAM (BIFC Division of Training, Technical Development Branch).

The Field Training Program provides fire training support to BLM, state, and district offices and to the equivalent levels of cooperating agencies. This support includes the development and implementation of training courses, training materials, and job aids that meet specific needs at the state or district level. The program philosophy is to develop training materials and to help states and districts incorporate these materials into their own training programs.

Instructors for field training courses are selected based on qualifications and proximity to the training location. An effort is made to train instructors from local areas to conduct future training sessions.

By coordinating field training schedules with other cooperating agencies, emphasis is placed on meeting the needs of all agencies in the area where training is conducted.

Field training assistance is available on request for local instruction of all 100 through 300 and some 400 level S-courses and I-courses (depending on availability of developed materials). Courses and/or materials also may be available in Prescribed Fire, Smoke Management, Prevention, Aviation, Initial Attack Management System (IAMS), BEHAVE, National Fire Danger Rating System (NFDRS), Fire Management Analysis and Planning, and related areas.

Requests should be submitted through agency channels to the BLM Director, BIFC and are handled on a first-come, first-served basis, depending on availability of materials and instructors.

Requesting offices are required to pay instructor travel, per diem, and overtime plus purchase required training materials.

NATIONAL ADVANCED TRAINING PROGRAM (National Advanced Resources Technology Center (NARTC), Marana, Arizona).

NARTC provides national interagency advanced fire and aviation training, usually at the graduate or post-graduate levels. Courses are designed to meet the priority needs of participating agencies. A member of the BIFC Division of Training staff is permanently assigned to NARTC as Assistant Director and provides on-site coordination of BLM support to the program.

The procedure outlined below provides responsibilities of state offices, NARTC, and BIFC in regard to processing BLM nominations to NARTC courses. Due to the high demand for interagency fire management training and the limited space available in advanced programs, State Directors should ensure that nominations for NARTC courses are carefully screened and prioritized. Once selections are made, cancellations or substitutions should be avoided. All contacts regarding nominations, substitutions, or cancellations must be made through the State Office.

PROCEDURES FOR PROCESSING BLM NOMINATIONS FOR NARTC COURSES

Step	Action	Responsibility
1	Prioritize nominations for state and submit to BLM training specialist, NARTC, prior to course nomination deadline.	SDs
2	Consolidate nominations from BLM states.	BLM training specialist, NARTC
3	When nominations exceed allowable openings notify, Chief, Division of Training, BIFC.	BLM training specialist, NARTC
4	Coordinate with WO 740, state FMOs, and/or state training officers to determine Bureauwide priorities for selection.	Chief, Division of Training, BIFC
5	Notify NARTC of Bureauwide priorities.	Chief, Division of Training, BIFC
6	Notify Chief, Division of Training, BIFC and appropriate SDs of student selection/nonselection.	BLM training specialist, NARTC
7	Notify NARTC BLM training specialist or course leader of any cancellations of selected personnel.	SDs
8	Replace cancellations with students from prioritized list. Notify Chief, Division of Training, BIFC and appropriate SDs of substitutions.	BLM training specialist, NARTC
9	Mail prework, pretest, and other information to students.	NARTC
10	Conduct course	NARTC
11	Notify Chief, Division of Training, BIFC of any selected BLM personnel who do not attend training.	BLM training specialist, NARTC
12	Determine reason for non-attendance and take appropriate action.	Chief, Division of Training, BIFC
13	Prepare post-course correspondence including test results and student evaluations. Mail to appropriate SDs with a summary to Chief, Division of Training.	BLM training specialist, NARTC

Step	Action	Responsibility
14	Coordinate course results with WO 740.	Chief, Division of Training, BIFC

University Accreditation Programs:

Various colleges, universities, and technical schools offer credit for fire management courses. There currently is no program to coordinate or standardize credit offerings on a national basis. Employees desiring credit should check with the responsible fire management officer prior to enrollment in the course to determine if credit is available and the proper procedures for application. The BIFC Division of Training maintains a general listing of schools which offer credits.

TRAINING ANALYSIS AND DESIGN ASSISTANCE

The BIFC Division of Training will provide training analysis and design assistance to state offices which need to develop local programs to meet specific training needs. Requests should be submitted to the Chief, Division of Training.

SUPPRESSION/SKILLS COURSES

S-COURSES

9200-S-130	Firefighter Training
9200-S-190	Introduction to Fire Behavior
9200-S-200	First Attack Incident Commander/Single Resource (First Attack Fire Boss)
9200-S-201	Fire Supervision
9200-S-211	Portable Pumps and Water Use
9200-S-212	Power Saws
9200-S-213	Tractor Use/Tractor Boss
9200-S-214	Ground Tanker Use/Tanker Boss
9200-S-215	Firing Equipment/Firing Boss
9200-S-216	Driving for Fire Service
9200-S-217	Interagency Helicopter Training Guide
9200-S-230	Crew Boss
9200-S-231	Fire Suppression Tactics
9200-S-260	Fire Business Management Principles
9200-S-270	Basic Air Operations
9200-S-300	Incident Commander Multiple Resource
9200-S-351	Air Service Manager-Airport
9200-S-353	Mixmaster
9200-S-390	Fire Behavior
9200-S-443	Infrared Interpreter
9200-S-543	Infrared Field Specialist
9200-S-590	Fire Behavior Analyst

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-130

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Firiefighter Training S-130	20-30		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Construct fire line to required standards using various methods for construction.
b. Strengthen, reinforce, and use holding actions on fire line.
c. Extinguish the fire with or without the use of water.
d. Locate self and fire on a map.
e. Assess and report fire situation data (written or oral).

4. Brief Description of Course:

This course is designed for entry level firefighters and can also be used as refresher training for returning firefighters when needed. It includes an overview of common firefighter concepts and practices throughout the United States and provides performance base instruction in the following topics: Firefighter preparedness; use of tools and equipment; firing devices; use of water (optional); suppression; securing the fireline; use of maps (optional); scouting, patrolling, and communication: safety review; wildland fire investigation (optional); and first aid (optional).

5. Target Group:

This course is designed for new firefighters. Personnel who successfully complete this course will be qualified to fight fire <u>while under close supervision</u>.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the district level. The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog).

Course Prerequisites: INSTRUCTORS must be crew boss qualified and should have completed an instructor training course.
TRAINEES should have received an agency orientation and must have completed introduction to Fire Behavior S-190.

---

7. Self-Study Considerations:

The following publications are designed to support firefighter performance and will aid in reducing formal training requirements. All are available from the BIFC Warehouse (see catalog).

- Firefighter Job Task Book
- Firefighters Common Task Manual
- Firefighter Drills

---

8. Remarks:

This training should be given under conditions which most nearly represent actual fire situations. It is most effective when conducted in the field and "hands-on" experience is provided.

The lessons allow the instructor maximum flexibility to tailor the instructional material to local conditions and procedures.

The following films or video tapes, which may be used to supplement instruction, are available on loan from BIFC:

Safety First
Your Way Out
Standards for Survival
Butte Fire Shelter Incident (video tape) also can be purchased from the BIFC Warehouse.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[X] Self-Study (Option)

Course Number

9200-S-190

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Introduction to Fire Behavior S-190	8		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Identify the environmental factors of fire behavior that affect the start and spread of wildfire.

b. Discuss how basic fire suppression methods apply to the breaking of the fire triangle.

c.. Recognize situations that are potentially hazardous to life and property.

4. Brief Description of Course:

This course is designed for entry level firefighters and can also be used as refresher training for returning firefighters, when needed. It covers the major points and principles of the environmental factors which affect the start and spread of wildfires, how basic suppression methods apply to breaking the fire triangle and situations which are potentially hazardous to life and property.

5. Target Group:

This course is designed for new firefighters.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the district level. The course package is available for purchase from BIFC.

Course Prerequisites: INSTRUCTOR must be qualified as crew boss or above, demonstrated instructor ability.
TRAINEES need no previous fire experience or training.

---

7. Self-Study Considerations:

A self-study option of this course is available also from the National Audiovisual Center. It is strongly recommended, however, due to the critical nature of this course in terms of personal safety, that a qualified instructor work closely with each trainee. For this reason most agencies have opted for use of the classroom version for beginning personnel.

---

8. Remarks:

The following films or video tapes used with both the classroom and self-study version of this course are available on loan from BIFC:

Fire Weather
Introduction to Fire Behavior
Forest Fires & Water (video tape)
Water on the Fire
Hold That Line With Dirt

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-200

1. Course Title:	2. Duration		
	Hours	Days	Weeks
First Attack Incident Commander/Single Resource (First Attack Fire Boss) S-200	20-24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Gather essential data about the fire and lead initial attack forces to the fire.
b. Size-up the fire situation, plan the strategy and tactics for control, and communicate with the home base as to the situation and any additional resources needed to suppress the fire.
c. Brief and deploy the initial attack forces and make adjustments in tactics and deployment to meet changing conditions.
d. Ensure control and complete suppression of the line by the efficient use of assigned resources.
e. Maintain adequate records; complete administrative forms and reports; advise appropriate people of resource values threatened, lost, or damaged; and turn over a final fire package to supervisor.
f. Participate in postfire activities; i.e., performance evaluations, fire critiques, and postfire analysis with supervisor.

4. Brief Description of Course:

This course is a combination of self-study, classroom, and field time designed to provide the individual in charge of the initial attack of small, noncomplex fires, the training needed for size-up, deployment of forces, suppression, mop-up, communications, and administrative duties. Field exercises and evaluations are performance oriented.

5. Target Group:

This course is designed for those who have demonstrated the abilities required to function effectively as an Initial Attack Incident Commander and have met the basic prerequisites of the course.

6. Administration Requirements:

The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog).

Course Prerequisites: INSTRUCTOR should be qualified as an Incident Commander Multi-Resource, with formal instructor training.
TRAINEES shall have completed Basic Firefighter S-130, Introduction to Fire Behavior S-190, and demonstrated supervisory skill for at least two seasons as an experienced firefighter.

7. Self-Study Considerations:

8. Remarks:

NOTE: This course will be revised and updated to include ICS terminology in FY 1988.

Also videotapes for I-200 will be available July 1, 1987.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-201

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Fire Supervision S-201	24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Identify 5 essential elements of leadership and supervision and list characteristics of a successful supervisor.
b. List ways the fire supervisor can motivate his/her crew members.
c. Outline a course of action to resolve the issue of a subordinate's job dissatisfaction. List 3 common morale problems encountered and describe methods to deal with them.
d. Assess individual subordinate performance and describe ways he/she could deal with deficiencies.
e. Describe orally or in writing the essential elements involved in delegating work to subordinates and the 5 essential elements in communications.

4. Brief Description of Course:

This course is designed to provide employees with proper view points. Attitudes and skills essential to their new role. The role change from employee to a member of management must be thoroughly discussed and understood.

5. Target Group:

Temporary or short-term employees, not eligible for regular agency supervisory courses and have been, or want to become, a supervisor.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the district level. The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog.

NFES #1560 Administrator's Guide	#1563 Audio Tape
#1561 Student Workbook	#1562 Text Reference

Prerequisite: Have one or more years' experience as a firefighter and interest in becoming a supervisor.

This course is prerequisite to First Attack Fire Boss.

---

7. Self-Study Considerations:

Available in self-study version requiring:

Reading of the reference text - 8 hours
Completion of self-study questions - 10 hours
Completion of exercises - 2 hours
One-on-one discussions - 4 hours

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-211

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Portable Pumps and Water Use S-211	16-24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Set up, operate, and perform required field maintenance on a portable pump.
b. Select pump equipment required to maintain a minimum flow of water from Point A to Point B, up to a 25 to 30 degree slope.
c. Install pump, hose lays, and holding tanks to provide water for use during all phases of the fire.

4. Brief Description of Course:

This course has been designed to give the trainees a hands-on knowledge of portable pumps and the related equipment needed to carry out field operations as efficiently and safely as possible. The trainees will be asked to set up, operate, and maintain all the equipment discussed in the course, and will also be asked to discuss and demonstrate their knowledge of correct water use, basic hydraulics, hand signals, and equipment care.

5. Target Group:

This course is designed for untrained, inexperienced fire personnel who will be assigned firefighter duties that may include work with portable pumps and water, as well as firefighters and supervisory personnel who would benefit from a refresher course, or who need a broad background in all fire control activities.

6. Administration Requirements:

The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog.

Course Prerequisites: INSTRUCTOR shall be at least Crew Boss qualified and must have completed Portable Pumps and Water Use S-211, and demonstrated instructional ability. TRAINEES will have completed Basic Firefighter S-130, and Introduction to Fire Behavior S-190.

---

7. Self-Study Considerations:

---

8. Remarks:

It is agency option to present hose lay performance objectives for hose lay operations.

Basic Hydraulics program text is available from:

State of California
Dept. of General Services
Documents and Publications
P.O. Box 1015
North Highlands, CA 95660

NOTE: This course will be revised and updated to include ICS terminology in FY 1988.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-212

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Power Saws S-212	24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Size up and fell a tree within 20° of mark using established guidelines.
b. Size up, clear work area, limb, and buck tree into 2 foot lengths.
c. Size up, clear work area, limb the three to the height of head.
d. Size up, cut, and remove strip of brush 6 feet wide x 20 feet long.
e. Size up, cut, and remove all slash along a 4 x 20 foot wide area.
f. Trainee will troubleshoot the problems and perform necessary and/or routine repair to make the saw operable with 30 minutes.

4. Brief Description of Course:

A 24 hour course which combines 4 to 8 hours of classroom instruction with 16 hours of practical field exercise. It is a detailed program to train personnel in the safe, efficient operation and maintenance of the chain saw. The trainee will demonstrate correct safety practices prescribed by Fores Service Health and Safety Code, OSHA, and agency policies; demonstrate satisfactory performance in felling, bucking, and limbing procedures.

5. Target Group:

This course is designed for entry level firefighters with a very limited knowledge of chain saws.

6. Administration Requirements:

The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog.

Course Prerequisites: INSTRUCTOR must be qualified in all phases of chain saw operation and maintenance, and have demonstrated instructional ability.

---

7. Self-Study Considerations:

---

8. Remarks:

An optional supplement for this course is D. Douglas Dent film series of 10, Forest Training Films, 16mm sound and color $265 per set.

Timber Falling
Safety Equipment
Safe Chain Saw Use
Limbing
Bucking
The Undercut, Holding Wood and Backcut
Improper Undercutting
The Felling Procedure
Sit Backs
Snags

Available from:

D. Douglas Dent
Timber Felling Consultants
3800 SW Cedar Hills Blvd.
P.O. Box 905
Beaverton, Oregon 97005
Phone: (503) 646-7621

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐	Bureauwide Course offered at Central Location	Course Number 9200-S-213
☒	Bureauwide Course Available for Export to Location Designated by Requesting State	
☐	Self-Study (Option)	

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Tractor Use/Tractor Boss S-213	16-24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Daily shift plan including equipment, hazards, and solutions.
b. Forms and inspections.
c. Tractor use hand signals, radios, flashlights, and headlamps.
d. Terrain, fuels, hazards, flagging, compass, and fireline hazards.
e. Adjust varying situation to determine fastest and best use while working with Tractor Boss.
f. Adjust to varying fire situations.
g. Timekeeping forms and logs.
h. Evaluate and suggest alternate ways of tractor operations.
i. Practice during equipment established by S-213 objectives or equivalent.

4. Brief Description of Course:

This 16 to 24 hour course is designed to train an individual as Tractor Boss. The trainee will demonstrate correct organization, safety, administration, tactics, and management of tractors in the field.

5. Target Group:

The course is designed for Crew Boss qualified personnel who have demonstrated the potential for advancement to the Tractor Boss level.

6. Administration Requirements:

The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog.

Course Prerequisites: INSTRUCTOR must be a highly qualified Tractor Boss. He/she should have had Effective Instructor Training M-410, or an equivalent 40 hour instructor's training course.
TRAINEE prerequisites: Basic Firefighter S-130, Introduction to Fire Behavior S-190, Water/Pumps S-211, Power Saws S-212, Basic Air Operations S-270, Fire Business Management Principles S-260, and Crew Boss S-230.

---

7. Self-Study Considerations:

---

8. Remarks:

A tractor plow training package, Forest Fire Equipment, is available from:

Wisconsin Department of Natural Resources
Tomahawk, Wisconsin 54487

Forest Fire Suppression Tactics
Department of Agriculture
Consumer Service
Florida Division of Forestry
Commons Building
Tallahassee, Florida 32301
Phone: (904) 488-4274

NOTE: This course will be revised and updated to include ICS terminology in FY 1988.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-214

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Ground Tanker Use/Tanker Boss S-214	12-16		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Prepare a written summary of tanker assignments, identify additional equipment and personnel required, and develop shift plan.
b. Develop crew and equipment assignments for each sector using most effective available resources.
c. Develop an attack system.
d. Schedule, accountability, reports, and describe responsibility performance evaluation.
e. Develop outline for on-the-job training.
f. Identify safety hazards and corrective workable solutions.

4. Brief Description of Course:

Ground Tanker Use/Tanker Boss S-214 is designed primarily to train an individual to function in the position of Tanker Boss within the National Interagency Fire Qualifications Systems (NIFQS). The Tanker Boss qualification is based on training, performance, physical fitness, and experience.

5. Target Group:

Trainees must be trained and experienced in initial attack tanker operations as a tanker foreman.

6. Administration Requirements:

The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog.

Course Prerequisites: INSTRUCTOR should be Tanker Boss qualified and demonstrated instructional ability.
TRAINEES should be Crew Boss qualified, completed Basic Firefighter S-130, Introduction to Fire Behavior S-190, Water/Pumps S-211, Power Saws S-212, Basic Air Operations S-270, and Fire Business Management Principles S-260.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-215

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Firing Methods and Equipment Firing Boss S-215	12-16		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Given a firing plan, a fireline situation, and a list of available manpower and equipment, the trainee will develop and conduct a crew briefing.
b. List and illustrate three primary firing methods and describe one situation where each method could be used.
c. Given an inoperable drip torch and pneumatic flame thrower, tools, and repair parts, the trainee will diagnose the malfunction and repair both pieces of equipment.
d. Given a fusee, drip torch, and pneumatic flam thrower, trainee will demonstrate the proper fueling, igniting, using, and extinguishing of each device.
e. List topics the Firing Boss should include in his analysis and evaluation of firing operations.
f. List seven considerations for determining number, type of personnel, and equipment needed for firing operations.
g. Use eight ignition devices available for a firing operation.

4. Brief Description of Course:

This course was developed for trainees already qualified as Crew Boss and will have a definite need to know about firing techniques and the related firing devices used in both wildfire suppression and prescribed burning.

5. Target Group:

Crew Bosses who need firing technique experience.

6. Administration Requirements:

The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog.

Course Prerequisites: INSTRUCTOR should be Sector Boss qualified, Firing Boss, knowledge of various firing methods and completed Effective Instructor Training M-410, or equivalent.
TRAINEE must be at least Crew Boss qualified under the National Interagency Fire Qualification Standards.

---

7. Self-Study Considerations:

---

8. Remarks:

NOTE: This course will be revised and updated to include ICS terminology in FY 1988.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-S-216

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Driving For Fire Service S-216	40		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

Upon completion, trainee will be able to: Make daily vehicle checks, drive on limited access and urban highways, drive over off-road terrain, and undertake winching and towing operations.

4. Brief Description of Course:

Course is designed to develop skills necessary to make daily vehicle checks. drive on limited access and urban highways, drive off-road terrain and undertake winching and towing operations.

5. Target Group:

Fire personnel who have the responsibility for driving under varying road and off-road conditions.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. The course package (:Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog).

NFES #1512 Instructor's Guide
#1513 Student Materials
#1514 5 Video Tapes

Course Prerequisites: TRAINEE should be fire personnel who have or will be assigned the responsibility for driving under varying road and off-road conditions.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-217

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Interagency Helicopter Training S-217	40		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

The trainee will be able to demonstrate efficiency in all areas of basic helicopter operations to achieve a safe, efficient and effective program.

4. Brief Description of Course:

This course is designed to standardize the basic training of individuals in the knowledge/skills required to work with helicopters. The skills taught relate to fire and non-fire project assignments. The material is structured around the trainee and is designed to provide interaction through discussion questions, group exercises, field exercises, and testing with immediate feedback.

5. Target Group:

Fire and non-fire personnel involved in assignments with helicopters.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and equipment Catalog).

NFES #1261 Instructor's Notebook
#1539 Slide Set

Course Prerequisites: INSTRUCTOR should have completed an instructor training course, Interagency Helicopter Training Guide, and demonstrated recent management in multiple helicopter operations.
TRAINEES require no previous training if non-fire duties. If fire personnel, they should have Firefighter Training S-130, and Introduction to Fire Behavior S-190.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-230

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Crew Boss S-230	24-32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe how to proceed in a variety of fire control operations performed by a crew.
b. Describe elements of leadership needed to effectively supervise a crew.

4. Brief Description of Course:

Course is designed to prepare skills in business management, authority and responsibility, pre- and post-line duties and basic fire organization. Includes lectures, workbook, and exercises.

5. Target Group:

Personnel having prerequisites necessary to function as a Crew Boss.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. The course package is available from the National currently being updated and is no longer available for purchase. BIFC Division of Training has several copies for loan.

Course Prerequisites: INSTRUCTOR should be Sector Boss qualified with demonstrated instructional ability.
TRAINEE should be Squad Boss qualified, Basic Firefighter S-130, Introduction to Fire Behavior S-190, Basic Air Operations S-270, Fire Business Management Principles S-260. Must be familiar with chain C or larger. Experience must have been within past five years.

---

7. Self-Study Considerations:

---

8. Remarks:

NOTE: This couse will be revised and updated to include ICS termoninlogy in FY 1988.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-231

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Fire Suppression Tactics S-231	24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Review and compare tactical assignment with incident objectives to determine feasibility and list problems that may be encountered.

b. Analyze resources assigned in the incident action plan and make work assignments for each resource to accomplish the tactical objectives in an assigned area.

c. Analyze needs for additional resoruces and supplies, plan assignments, and prepare an order.

d. After receiving a briefing from the fireline supervisor, prepare and conduct a briefing for resources assigned.

e. Given 10 situations related to wildfire suppression, analyze each and describe the problem and corrective action to be taken.

4. Brief Description Course:

The course utilizes or includes all tactics including fireline constuction, use of crews, heavy equipment, water and engines, fire, modified fire suppression strategies, tactical air operations, and combination of resources. This course may include parts from, but will not duplicate any existing "S" course.

5. Target Group:

Strike Team Leaders with some parts of the course targeted for Division Supervisors.

6. Administration Requirements:

This course will be available in March of FY 88 through PMS and will be stocked at the BIFC Warehouse. The course is learner oriented, and will include a video to supplement instruction. There will be prestudy work for course participants.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-260

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Fire Business Management Principles S-260	16		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Fill out required fire time records for casual and regular government employees and identify the basic rules and regulations governing fire timekeeping. Complete a Rental Equipment Use Record.
b. Follow procedures in reporting injury and diseases including proper completion - CA forms.
c. Describe rules and regulations relative to two methods of fire procurement and correctly complete an SF-44 and/or Ad-744.
d. Identify and discriminate between the authority and responsibility of property management and complete the forms necessary to ensure proper documentation.
e. Delineate importance of claims investigation and action one should take until relieved by a claim investigator.
f. Describe procedures regarding obtaining commissary and distinguish between items that can and can not be obtained.

4. Brief Description of Course:

This course helps familiarize trainee with procurement methods and paperwork involved with investigation and reporting of CA forms and timekeeping.

5. Target Group:

The course is targeted for implementation at the district, reservation, park, or refuge level to supplement the fire suppression training of personnel who will not receive further training and specialization in the service or finance functions.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and equipment Catalog).

Course Prerequisites: INSTRUCTOR should be Finance Chief II qualified and/or Administrative Officer and demonstrated instructional ability.
TRAINEE should be Squad Boss qualified with demonstrated potential to Crew Boss or other supervisory position.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-S-270

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Basic Air Operations S-270	16		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

Trainees will be able to:

a. Identify aircraft used in fire suppression and list their uses.
b. Describe and discuss the organizational structure of the Air Service and Air Attack organizations.
c. Describe and discuss helicopter safety procedures and standards for helispot construction.
d. Describe and discuss the tactical uses of fixed and rotor-wing aircraft, and describe the criteria for determining the effectiveness of a retardant/water drop, as well as safety procedures to be observed during such activities.

4. Brief Description of Course:

This course is designed to provide basic training for fire suppression personnel who may not be working in the air service organization, but may be exposed to aircraft either directly or indirectly. The course provides a survey of the uses of aircraft in fire suppression and instruction or safety procedures in and around aircraft.

5. Target Group:

This course is designed for entry-level personnel, up to the Crew Boss level, and can also be adapted to a safety presentation for non-fire personnel who are occasionally exposed to aircraft in their everyday work activities.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog).

Course Prerequisites: INSTRUCTOR should be highly knowledgeable of air operation in fire suppression and should have completed an instructor training course.
TRAINEE should have completed Basic Firefighter S-130, and Introduction to Fire Behavior S-190.

---

7. Self-Study Considerations:

---

8. Remarks:

The narrative for slides (Instructor's Guide) should be reviewed prior to presentation and aircraft native to the locality included.

NOTE: This course will be revised and updated to include ICS terminology in FY 1988.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-300

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Incident Commander Multiple Resource/ Extended Attack S-300	8-10		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Recognize the need for an extended attack organization and make appropriate recommendations.
b. Provide data for an "escaped fire situation analysis."
c. Arrange for and/or incorporate incoming personnel as ordered for an extended attack organization.
d. Establish priorities and/or fire actions with FMO for the extended attack.
e. Brief and turn over completed and accurate records to relief overhead.

4. Brief Description of Course:

This course is designed to bridge an individual from the Incident Commander Single Resource to a larger, more complex initial attack suppression organization. The course has been divided into two parts, dealing first with the responsibilities of the Incident Commander in an escaped attack situation, followed by an escaped fire exercise.

5. Target Group:

This course is designed to train individuals already qualified as Initial Attack Incident Commander.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog).

Course Prerequisites: INSTRUCTOR shall be qualified as an Incident Commander Multi-Resource or an Operations Section Chief and shall be thoroughly familiar with responsible agency's suppression strategies and policies.
TRAINEE shall be qualified as Incident Commander Single Resource and will have completed Fire Behavior S-390, and Fire Investigation P-211.

---

7. Self-Study Considerations:

---

8. Remarks:

Videotapes for I-300 will be available July 1, 1987.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-351

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Air Service Manager-Airport S-351	12-16		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Organize and supervise subordinate personnel in management of a temporary fixed-wing aircraft base.
b. Recognize what facilities are needed for an efficient operation of his/her area of operation.
c. Identify hazards to personnel and aircraft under his/her supervision.
d. Provide for the enforcement of agency regulations that pertain th his/her area of operation.
e. Demonstrate ability to perform administrative functions which are a component of the job.

4. Brief Description of Course:

This course is designed to train an individual to function as an Air Service Manager at a temporary base of operation in support of ongoing fire activities. The basic principles may also be applied to a permanent airport operation. This course does not train individuals to identify aircraft used in fire suppression and support activities, because the trainee should be familiar with aircraft types before attending this training. It does identify what facilities are needed to conduct an efficient operation.

5. Target Group:

An individual whose work assignments have been associated with fire control type air operations, and those individuals who might possibly fill this position during a fire should be given the course. The trainee should have prior background in supervising personnel and preferably exposure to the administration of agency contracts.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group. The course package is available from the National Audiovisual Center, Washington, DC.

Course Prerequisites: INSTRUCTOR shall be qualified as an Air Service Manager-Airport, or manage a permanent airport operation, and preferably qualified as an Air Service Officer. The instructor should also have completed an instructor training course. TRAINEE shall have had experience in airport ramp operations and/or experience as a Mixmaster, Air Cargo Foreman, or pilot, and should be able to identify aircraft used in fire suppression and support activities.

7. Self-Study Considerations:

8. Remarks:

The basic principles of this course may be applied to permanent airport operations.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location	Course Number
☒ Bureauwide Course Available for Export to Location Designated by Requesting State	9200-S-353
☐ Self-Study (Option)	

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Mixmaster S-353	12-16		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Plan the layout of a mixing or blending plant to include all equipment needed in the operation.
b. Estimate the volume of retardant required to maintain an adequate supply.
c. Supervise the mixing crew during operational phases, maintain the required records, and identify required safety equipment and procedures.
d. Mix retardant, test for viscosity and salt content, and make necessary corrections in the mix to meet established standards.

4. Brief Description of Course:

The course is structured to familiarize the trainee through the setting up and inspecting the mixing or blending plant. Trainee must mix and test retardant viscosity and salt content.

5. Target Group:

Personnel who require qualification as a mixmaster and meet course prerequisites.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group. The course package is available from the National Audiovisual Center, Washington, DC.

Course Prerequisites: INSTRUCTOR must be red-card qualified as a Mixmaster. The instructor should have Effective Instructor Training M-410, or equivalent 40-hour instructor's course. Instructor must have practical experience with type of retardant being used and experienced in working with retardant plant operations.
TRAINEE must have a degree of mechanical ability to keep the plant in operational condition and must also be available for fire assignment. It is desirable that the trainee have had some experience in working with retardant plant operations.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐	Bureauwide Course offered at Central Location	Course Number 9200-S-390
☒	Bureauwide Course Available for Export to Location Designated by Requesting State	
☒	Self-Study (Option)	

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Fire Behavior S-390	40		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

Given situation data on a small wildland fire, including topographical map of area, fuel descriptions and photos, local weather observations, and necessary tables, keys and worksheets, trainees will:

a. Determine basic input data of terrain, fuels, weather required for calculation of fire behavior.
b. Perform calculations of rate of spread, fireline intensity, flame length, and area/perimeter growth.
c. Prepare a fire perimeter map showing head, flanks, and rear of the fire after the first, second, and third hour.
d. Assess and predict the chances of extreme fire behavior conditions (spotting, crowning, firewhirls, and/or blow-up) developing due to weather, fuels, and/or topography.
e. Assess fireline data and fire behavior estimations, identify areas where fire suppression limitation exist, and make recommendations for fireline location and safe control tactics including the use of backfiring and burning out.

4. Brief Description of Course:

Designed for 30 hours (approximate); self-study to meet the training needs in fire behavior knowledge, up through Class II fire overhead positions. Trainees will demonstrate knowledge to determine basic input data for fire behavior calculations--rate of spread, fireline intensity, flame length, and area/perimeter growth using a fire behavior predictions system (tables, nomograms, TI-59, or HP 71B computer). The trainee will prepare a fire perimeter map, assess and predict chances of extreme fire behavior conditions, assess fireline data and fire behavior estimations, identify fire suppression limitations, and make recommendations for fireline location and safe control tactics.

5. Target Group:

Personnel requiring fire behavior for fire qualifications and who meet course prerequisites.

---

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group. The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and equipment Catalog).

Course Prerequisites: INSTRUCTOR/Course Manager must be a knowledgeable fire specialist who can answer questions, interpret test answers, grade tests, provide feedback, recommend trainees for final exam, and grade final exams.
TRAINEE must have completed Basic Firefighter S-130 and Introduction to Fire Behavior S-190. Trainees must also meet minimal qualifications for Crew Boss. This includes experience on at least five fires (two Class C fires or larger).

---

7. Self-Study Considerations:

a. A strong management commitment to "dedicated duty hour" time is a critical requirement to the successful completion of courses designed for individual study. Fire Behavior S-390 is no exception.
b. As stated, there are several possible ways to manage the course. This course has been designed for ease of administration. Each component contains completed instructions for use.
c. Unit tests are provided to the student with the study material. It is possible to challenge the course by taking the unit tests without completing the unit lessons. Completion of unit tests are open book and self administered. The final exam is scheduled after successful completion of all unit tests. The final examination is administered under specific controlled conditions.
d. Tests and final examination must be graded by a qualified fire specialist. Successful completion of all unit tests and final examination is required before an evaluation is made and a certificate of completion is presented to the student.

Time must be allowed for exchange of correspondence required by test grading, etc., in the course sequence.

---

8. Remarks:

New tests for this course have been developed. They have been written to accelerate the correcting and scoring. They will soon be available as an alternative to the original subjective tests. The tests will be distributed as a fourth component through PMS.

The new design also lends itself to automated processing of test answers. Contact BIFC Division of Training for information.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-S-443

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Infrared Interpreter S-443	24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Given an incident situation, describe the Infrared Interpreter's responsibilities within the Planning Section of the Incident Command System.

b. Given an incident assignment, identify and list organizational names and the types of communications used in the Infrared operations.

c. Given and incident assignment, identify and plan methods of delivering Infrared imagery.

d. Given an incident assignment, accurately interpret imagery and transfer findings onto maps and/or aerial photos within given time frame.

e. Given an incident assignment, present accurate interpreted data either verbal or written as required by the incident.

f. Given an incident situation, establish and maintain necessary Infrared Imagery Interpreter documents.

4. Brief Description of Course

5. Target Group

Potential Infrared Interpreters

6. Administrative Requirements:

Course Prerequisites: INSTRUCTOR must have experience in map reading and be a qualified Infrared Interpreter, should have completed a formal instructor training course or demonstrated ability, and must be available to attend a one day instructor's meeting before the course begins. TRAINEE must have completed the following;

a. Basic Incident Command System, I-220
b. Basic Firefighter
c. one of the following;
   Field Observer/Display Processor I-244
   Aerial Photo Interpreter
   Remote Sensing Course

---

7. Self Study Considerations:

---

8. Remarks:

Presently available by contacting Bill Barrus, Infrared Operations Supervisor, Boise Interagency Fire Center, 3905 Vista Ave, Boise, Id 83705. Telephone (208) 334-9848 or FTS 554-9848.

The course will be stocked at the BIFC Warehouse under PMS at a later date.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-S-543

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Infrared Field Specialist S-543	24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Given an infrared assignment, describe an infrared oraganization and the responsibilities of the positions within that organization.
b. Given an infrared assignment, describe the roles of the Infrared Regional and National Coordinators.
c. Given an infrared assignment, identify the infrared aircraft and each aircrafts capabilities and limitations.
d. Given and infrared assignment, identify and list what support equipment and services would be required for the infrared aircraft and crew.
e. Given a mission assignment, identify what information is required for the mission and develop a flight plan.
f. Given a mission assignment, identify and list information that would cause a delay or change of a mission or develop alternatives.
g. Given a mission assignment, identify and describe the current agency aircraft flight following policies and procedures.
h. Given a incident assignment, describe the Infrared Field Specialist's responsibilities in demobilization.

4. Brief Description of the Course:

5. Target Group:

Potential Infrared Field Specialists

6. Administrative Requirements:

Course Prerequisites: INSTRUCTOR must be a qualified Infrared Field Specialist or a qualified Infrared Technical Specialist. Should have completed a formal instructor training course or demonstrated ability. Must be available to attend a one day instructor's meeting before the course begins. TRAINEE must have completed the following prerequisites before attending the course:

Basic ICS I-220; Infrared Interpreter S-443
Situation Unit Leader I-346
Agency Prerequisite - Basic Firefighter and Fire Behavior

---

7. Self-Study Considerations:

---

8. Remarks:

For information concerning this course contact Bill Barrus, Infrared Operations Supervison, Boise Interagency Fire Center, 3905 Vista Ave, Boise, Id 83705. Telephone (208) 334-9848 or FTS 554-9848.

This course will not be stocked in the BIFC Warehouse.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-S-590

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Fire Behavior Analyst S-590	80		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

Apply scientific techniques to calculate and predict fire behavior. Interpret fire behavior for use by the Planning Section Chief for strategic and tactical planning. Develop fire behavior forecasts. Prepare briefings for fire overhead.

4. Brief Description of Course:

5. Target Group:

Individuals to be trained as a Fire Behavior Analyst in the fire suppression organization under the Incident Command System.

6. Administration Requirements:

State Directors should submit nominations to NARTC. Nomination procedures are described in the Introduction Section of this Guide.

Course Prerequisites:

a. Qualified as a Division Boss (LFO) or Division Supervisor (ICS).
b. Completed Fie Behavior S-390 or equivalent.
c. Completed Fire Behavior Calculator training.
d. Complete 40 hours of prework and successfully pass a pretest to be considered for selection. The prework and pretest will be completed at the home unit.
e. Nominations must be submitted with a current printout from the SF-227, Experience and Training Record or equivalent.

---

7. Self-Study Considerations:

---

8. Remarks:

College credit - 2 Semester Hours - University of Arizona Accreditation--University of Arizona Accreditation number RNR 497e.

INCIDENT COMMAND SYSTEM COURSES
I-COURSES

(Descriptors Not Included)

9200-I-261	Personnel Time Recorder
9200-I-262	Equipment Time Recorder
9200-I-263	Claims Specialist
9200-I-264	Compensation For Injury Specialist
9200-I-266	Commissary Manager
9200-I-277	Fixed Wing Base Manager
9200-I-362	Cost Unit Leader
9200-I-363	Compensation/Claims Unit Leader
9200-I-365	Time Unit Leader
9200-I-368	Procurement Unit Leader

INCIDENT COMMAND SYSTEM COURSES
I-COURSES

(Descriptors Included)

The I-Courses are being developed by the Firescope Operations Group to meet the training requirements of the ICS positions. ICS courses are required for qualifications under the National Interagency Incident Management System (see NWCG 310-1, Wildland Fire Qualification Guide).

The courses listed below are still under development and final materials are not yet available. Information, draft materials, and assistance are available from the BIFC Division of Training on request. When final materials are available they will be certified by NWCG and stocked in the BIFC Warehouse.

In order to meet ICS implementation requirements, states are encouraged to identify personnel to attend courses scheduled by BIFC. These courses will utilize draft materials until final materials are available. BIFC will also provide assistance in locating materials and instructors for local course presentations.

9200-I-220 Basic ICS

9200-I-236 Staging Area Manager

9200-I-242 Infrared Imagery Interpreter Course

9200-I-244 Field Observer/Display Processor

9200-I-248 Status Check-In Recorder

9200-I-252 Ordering Manager

9200-I-253 Receiving and Distribution Manager

9200-I-254 Base/Camp Manager

9200-I-255 Equipment Manager

9200-I-256 Tool & Equipment Specialist

9200-I-257 Incident Dispatcher

9200-I-259 Security Manager

9200-I-271 Helibase Manager

9200-I-272 Helispot Manager

9200-I-330 Task Force/Strike Team Leader

9200-I-333 Strike Team Leader/Crew

9200-I-334 Strike Team Leader/Engine

9200-I-335 Strike Team Leader/Dozer

9200-I-339 Division/Group Supervisor

9200-I-342 Documentation Unit Leader

9200-I-346 Situation Unit Leader

9200-I-347 Demobilization Unit Leader

9200-I-348 Resource Unit Leader

9200-I-354 Facilities Unit Leader

9200-I-355 Ground Support Unit Leader

9200-I-356 Supply Unit Leader

9200-I-357 Food Unit Leader

9200-I-358 Communication Unit Leader

9200-I-359 Medical Unit Leader

9200-I-374 Helicopter Coordinator

9200-I-375 Air Support Group Supervisor

9200-I-376 Air Tanker Coordinator

9200-I-378 Air Attack Supervisor

9200-I-400 Incident Commander

9200-I-401 Safety Officer

9200-I-402 Liaison Officer

9200-I-403 Information Officer

9200-I-420 Command and General Staff

9200-I-430 Operations Section Chief

9200-I-440 Planning Section Chief

9200-I-450 Logistics Section Chief

9200-I-460 Finance Section Chief

9200-I-470 Air Operations Director

9200-I-520 Advanced Incident Management

9200-I-620 Area Command

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-I-220

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Basic ICS I-220	12-16	2	2/5

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Explain the interaction of the various functions and positions within the ICS structure.
b. Explain the responsibilities common to all ICS positions.
c. List the basic principles of supervision and motivation.

4. Brief Description of Course:

This course teaches the basic principles of the Incident Command System and supplies the basic knowledge that is common to all ICS positions.

5. Target Group:

This course is designed to prepare the student for further ICS positional training. It is <u>not</u> designed for individual engine or crew supervisors who will not fill managerial positions in the ICS organization.

6. Administration Requirements:

The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and equipment Catalog).

Course Prerequisites: INSTRUCTOR should have successfully completed Basic ICS I-220 with a final exam score of 80 percent or better, and have completed Facilitative Instructor Training, or a similar Instructor Training course.
TRAINEE has no prerequisites required.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐	Bureauwide Course offered at Central Location	Course Number 9200-I-236
☒	Bureauwide Course Available for Export to Location Designated by Requesting State	
☒	Self-Study (Option)	

1. Course Title:

   Staging Area Manager I-236

2. Duration

Hours	Days	Weeks
Self-paced		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

   a. Describe how to organize and lay out a staging area.

   b. Describe and list procedures for managing a staging area.

   c. Describe how to close a staging area in accordance with prescribed text standards.

4. Brief Description of Course:

   To provide skills and knowledge needed to perform the Staging Area Manager position.

5. Target Group:

   Those who wish to learn the skills and knowledge needed to perform the Staging Area Manager position and have met the prerequisites.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. The course package is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog). NFES #, Course Administrator's Guide, 1415; Student Workbook 1416.

Course Prerequisites: INSTRUCTOR must have completed Facilitative Instructor Training or a similar instructor training session and must be a qualified Logistics Section Chief or a highly skilled Facilities Unit Leader and/or Ground Support Unit Leader.
TRAINEE should have completed Basic ICS I-220, and one of the three strike team leader courses (I-333, I-334, or I-335).

---

7. Self-Study Considerations:

Students who take this course self-study should be provided with the phone number of a qualified instructor so that questions concerning the job may be clarified.

---

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-I-244

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Field Observer/Display Processor I-244	32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Identify and interpret maps.

b. Make map calculations.

c. Use observation aids.

d. Map from aircraft.

e. Make field observations.

f. Process and display data.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Field Observer position. Subjects covered: Identifying and interpreting maps, making map calculations, using observation aids, mapping from aircraft, making field observations, processing and displaying data.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the District Level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1973, Student Materials 1974, Slides 1850.

Course Prerequisites: Trainee should have had Basic ICS I-220.

Course package available about May 1, 1987.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-248

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Check-In Recorder/Status Recorder I-248	Self-paced		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Check in resources on ICS Form 211 with 90 percent accuracy.
b. Record resource status informatiion on appropriate Resource Status Card ICS 219, with 90 percent accuracy.
c. List needed resources using appropriate format, with 90 percent accuracy.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Check-In Recorder/Status Recorder position.

Subjects covered: Resource unit organization and responsibilities, resource coding, check-in, resource status card, operational planning worksheet, keeping current status.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the District Level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1975, Student Materials 1976.

Course Prereqisites: TRAINEE should have had Basic ICS I-220.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[X] Self-Study (Option)

Course Number

9200-I-252

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Ordering Manager I-252	Self-paced		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe the Ordering Manager's position.
b. List common responsibilities and procedures for dispatch, check-in, and briefing.
c. Describe activities necessary in organizing and operating the ordering unit.
d. Explain demobilization requirements and procedures.

4. Brief Description of Course:

This self-paced instructional package is intended to provide skills and knowledge necessary to perform the Ordering Manager position.

5. Target Group:

Those who wish to learn the skills and knowledge needed to perform the Ordering Manager position and have completed Basic ICS I-220.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. NFES # Administrator's Guide 1464, Student Workbook 1469. The course package is available from the BIFC Warehouse.

Course Prerequisites: INSTRUCTOR must have completed Facilitative Instructor Training or a similar instructor training course and will be qualified Supply Unit Leader or higher in the Logistics Section.
TRAINEE should have completed Basic ICS I-220 before attending this course, Firefighter Training S-130, and Introduction to Fire Behavior S-190 are both recommended but not required training for this position.

---

7. Self-Study Considerations:

Students who take this course self-study should be provided with the phone number of a qualified instructor so that questions concerning the job may be clarified.

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[X] Self-Study (Option)

Course Number

9200-I-253

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Receiving and Distribution Manager I-253	Self-paced		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe the role of the receiving and distribution manager in the supply unit.
b. Describe the management responsibilities of the position.
c. List the information needed from a briefing.
d. Determine the number and types of personnel in the receiving and distribution organization.
e. List the requirements to locate, set-up, and secure a receiving and distribution area.
f. Describe how to set-up accountability procedures for receiving and distributing supplies.
g. Describe how to establish and maintain a supply inventory.
h. Describe supply needs of other logistics section units.
i. List the steps needed to implement the demobilization plan.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Receiving and Distribution Manager position.

5. Target Group:

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. The course package is available from the BIFC Warehouse. NFES # Course Administrator's Guide 1419, Student Workbook 1420.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, prior field experience, prior experience with inventory, and accountability.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-254

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Base/Camp Manager I-254	32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe and list the materials and information needed to begin the job.
b. Plan the Base/Camp according to the needs of the incident and organize the Base/Camp personnel to efficiently complete assigned tasks.
c. Define and describe the operation of the Base/Camp on an ongoing basis according to the needs of the incident.
d. List the safety hazards and describe the accident prevention or hazard correction measures required for a safe operation.
e. List and describe various supervision techniques; list and describe various coordination techniques; compare and contrast the differences between supervision and coordination.
f. List, define, and describe the function, location, use, and operation of base, ICP, and staffing co-located with base and camps.
g. List and describe the demobilization procedures.
h. Prepare a Unit Log ICS 214, and agency forms as required.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Base/Camp Manager position.

Subjects covered: Base Manager and Camp Manager checklist, base/camp layout and operation, supervision and coordination activities, base/camp safety, and major activities and procedures of the Base/Camp Manager.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the District Level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1977, Student Materials 1978, Pre-course Student Materials 1979.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, and precourse material completed.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-255

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Equipment Manager I-255	20		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Perform the common responsibilities of all assigned personnel.
b. Organize and staff the equipment function.
c. Provide transportation for the incident.
d. Provide inspection service.
e. Service and maintain incident vehicles and equipment.
f. Collect and record all information.
g. Demobilize the equipment function.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Equipment Manager position.

Subjects covered: Common responsibilities, organizing and staffing the function, providing transportation, providing inspection, maintenance and service for vehicles, and equipment assigned to the incident.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the District Level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1883, Student Materials 1884.

Course Prerequisites: TRAINEE should have had Basic ICS I-220.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[X] Self-Study (Option)

Course Number
9200-I-256

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Tool & Equipment Specialist I-256	Self-paced		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Identify position within ICS structure.
b. Describe management responsibilities of the section.
c. Determine information and support needs.
d. Define space and layout requirements.

4. Brief Description of Course:

Self-paced, written text with program checks and final exam covers staffing and position responsibilities, organization, layout and maintenance of the tool and equipment area, and demobilization.

5. Target Group:

Personnel possessing necessary prerequisites and desire to function as Tool and Equipment Specialists.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. The course is available from the BIFC Warehouse. NFES # Administrator's Guide 1463, Student Workbook 1468.

Course Prerequisites: INSTRUCTOR must have completed Facilitative Instructor Training or a similar instructor training course and be qualified as a Supply Unit Leader or higher in the Logistics Section.
TRAINEE should have completed Basic ICS I-220 before attending this course.

---

7. Self-Study Considerations:

Students who take this as a self-study course should be provided with the phone number of a qualified instructor so that questions may be answered.

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐	Bureauwide Course offered at Central Location	Course Number 9200-I-259
☒	Bureauwide Course Available for Export to Location Designated by Requesting State	
☒	Self-Study (Option)	

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Security Manager I-259	Self-paced		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe how to organize and staff the security function.
b. Describe how to develop a security plan.
c. Describe how to implement a security plan.

4. Brief Description of Course:

This course is designed to train individuals on a local level, at their own pace, so as to be able to perform as an effective Security Manager. It is presented entirely through a self-paced written text. Subjects covered include organization, check-in and organizing, developing and implementing the security plan, and demobilization.

5. Target Group:

Trainees that have had little or no exposure to the facility unit.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. The course package is available from the BIFC Warehouse. PMS # I-259. NECG # Administrator's Guide 1417, Student Workbook 1418.

Course Prerequisites: INSTRUCTOR must have completed Facilitative Instructor Training or a similar instructor training course and will be qualified Facilities Unit Leader or higher in the Logistics Section.
TRAINEE should have completed Basic ICS I-220 before attending this course.

---

7. Self-Study Considerations:

Students who take this as a self-study course should be provided with the phone number of a qualified instructor so that questions may be answered.

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-271

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Helibase Manager I-271	32-36		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe responsibilities of the Helibase Manager.
b. Describe the items of information that are needed at the helibase.
c. List the items required and methods of displaying helispot organization and work schedule.
d. Participate in planning activities with the air support group. Set up and supervise base security.
e. Maintain and supervise ICS records.
f. Set up and supervise air traffic control and communications for helibases and helispots.
g. Manage a retardant mixing and loading operation.
h. Plan helibase logistical support for a helicopter operation.
i. Manage fueling and maintenance services.
j. List methods of achieving dust abatement.
k. Describe specialized equipment requirements as it pertains to helibase management.
l. Prepare a crash rescue plan around required equipment and the duties of assigned personnel.
m. Given an incident situation, prepare a sequence for demobilization.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Helibase Manager position.

Subjects covered: Common responsibilities, helibase layout, organization, planning activities, record maintenance, communication and traffic control, helicopter utilization, retardant mixing, fueling and maintenance, dust abatement, specialized equipment, crash rescue, and demobilization.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the District Level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1897, Student Materials 1898. Slides 2039, Precourse 2038.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, and Helispot Manager I-272.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[X] Self-Study (Option)

Course Number
9200-I-272

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Helispot Manager I-272	Self-pacaed		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe the mission and organization of a helispot according to text information.
b. List the considerations and elements in the location and layout of a helispot according to text information.
c. Describe proper safety, manifesting, and loading of helicopters at the helisport according to text standards.

4. Brief Description of Course:

Course for experienced helitack personnel, who will manage temporary helispots in support of wildfire incidents. The course may also be of use to experienced helicopter personnel that have the need to develop a temporary field landing site to support helicopter operations.

5. Target Group:

Experienced helitack personnel. The course assumes that the trainee has had basic helicopter training and has field experience.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and designed for instruction at the District level. The course package is available from the BIFC Warehouse. PMS #I-272. NFES # Administrator's Guide 1462, Student Workbook 1467.

Course Prerequisites: INSTRUCTOR should be a qualified Helibase Manager or higher in the air operations branch.
TRAINEE must have completed Basic ICS I-220, Parent Agency Basic Helicopter and Firefighter Training, and Experience as a helicopter crew member.

---

7. Self-Study Considerations:

This course is presented entirely through a self-paced written text. Pictures, illustrations, and diagrams are used to complement the text. Progress checks test the students' understanding as they proceed through each unit. The final examination, a formal closed book exam, is given by a proctor and measures the students' comprehension of the entire course material.

The course administrator has the responsibility to administer the course to meet specific agency training needs and the trainees' needs.

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[X] Self-Study (Option)

Course Number

9200-I-330

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Task Force/Strike Team Leader I-330	8-16		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

Develop the managerial and organizational knowledge required to perform the Task Force/Strike Team Leader duties.

4. Brief Description of Course:

Course presents a menu of job requirements performed by the Task Force/Strike Team Leader, and provides an outline of those skills. The incumbent and his/her supervisor identify skill deficiencies and then consult the syllabus to identify skill and knowledge acquisition, through self-study, formal training or structured OJT.

5. Target Group:

Individuals with fire job skills below the Task Force/Strike Team Leader, who are ready and have the ability to move into suppression management position above the Crew Boss, Engine Foreman, and Dozer Boss level.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Administrator's Guide 1457, Student Workbook 1459.

Package can be administered by a proctor who can review and evaluate a number of incumbents, or may be used for one-on-one application (supervisor and incumbent). Non-traditional package, as no lesson plans are included, but recommended training is identified so that the incumbent can master the necessary skills and knowledge requirements of the job.

---

7. Self-Study Considerations:

Much of the course can be completed through self-study, however, testing must be completed under controlled simulation or on actual fire assignment.

---

8. Remarks:

Supplemental courses for I-330 available at BIFC:

a. Strike Team Leader (Crew) NFES # Instructor's Guide 1901, Student Workbook 1902.
b. Strike Team Leader (Engine) NFES # Instructor's Guide 1903, Student Workbook 1904, Slides 2005.
c. Strike Team Leader (Dozer) NFES # Instructor's Guide 1905, Student Workbook 1906.
NOTE: There are slides to supplement this material, and will be stocked at the BIFC Warehouse.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-I-339

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Division/Group Supervisor I-339	8-10		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Identify and define concept of divisions and groups.
b. Explain pre-incident responsibilities.
c. Describe incident arrival and check-in.
d. Describe responsibilities while in assigned, available, or out-of-service status.
e. Describe the demobilization process.
f. Describe the responsibility involving ICS forms.

4. Brief Description of Course:

To provide management skills and knowledge needed to perform the Division/Group Supervisor position.

Subjects covered: Pre-incident responsibilities; arrival and check-in, assigned; available and out-of-service status; and demobilization.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State Level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1907, Student Materials 1908.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, and Strike Team Leader I-330.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-I-342

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Documentation Unit Leader I-342	Self-paced		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Set up files for maintaining incident activities.
b. Provide requested documents within established time frames.
c. Reproduce documents in the requested quantity and within the time frames established.
d. Assemble the reproduced documents in completed form within established time frames.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Documentation Unit Leader position.

Subjects covered: Unit activation, incident files, duplicating, and demobilization services.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State Level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1909, Student Materials 1910.

Course Prerequisites: TRAINEE should have had Basic ICS I-220.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-346

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Situation Unit Leader I-346	32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Set up and activate unit.
b. Acquire appropriate personnel.
c. Establish and maintain situation displays.
d. Collect and evaluate situation data.
e. Prepare incident status summary and other required reports.
f. Prepare traffic plan.
g. Provide photographic and infrared services.
h. Respond to requests for situation information.
i. Coordinate with other units and personnel.
j. Develop and implement a demobilization plan for units in accordance with the Incident Demobilization Plan.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Situation Unit Leader position.

Subjects covered: Situations unit mission and functions; organizing and staffing; unit activation; unit operation; and demobilization.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State Level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1913, Student Materials 1914.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, Field Observer/Display Processor I-244, and Strike Team Leader I-330.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-I-347

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Demobilization Unit Leader I-347	16		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Determine the probable size of the demobilization effort.
b. Appropriately staff and organize the demobilization unit.
c. Develop a demobilization plan.
d. Implement the demobilization plan.
e. Coordinate and manage the demobilization effort.
f. Demobilize your own unit.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Demobilization Unit Leader position.

Subjects covered: Organization of the unit, demobilization planning, developing and implementing the demobilization plan.

5. Target Group:

6. Administration Requirements:

This course is not certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1915, Student Materials1916.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, qualified as Check-in Recorder/Status Recorder I-248, or Resources Unit Leader I-348.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-I-348

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Resource Unit Leader I-348	24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Set up and activate resources unit functions.
b. Estimate staffing requirements for the resources unit and obtain additional personnel, as applicable.
c. Utilize the Unit Leader checklist to implement actions.
d. Establish check-in function, and maintain check-in lists for all ICS units and other organizational elements.
e. Collect required resources status data from the communications center, ground support unit, and other applicable sources.
f. Establish and maintain resources status displays and organization charts.
g. Set up and maintain status on operations resources, transportation and support vehicles, assigned and unassigned personnel, and other resources on Resource Status Cards (ICS Format).
h. Identify resources specified by general staff at planning meetings and prepare appropriate parts of Division assignment lists.
i. Coordinate requests for status.
j. Demobilize the unit when so ordered.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Resources Unit Leader position.

Subjects covered: Organization of the resources unit, relationships with other functions, organizing and operating the resources unit.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State Level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1917, Student Materials 1918.

Course Prerequisites: TRAINEE should have had Check-In/Status Recorder I-248, and qualified Check-In Recorder/Status Recorder.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-I-354

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Facilities Unit Leader I-354	28-30		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe and list the materials and information needed.
b. Develop an operating plan and organize the facilities unit.
c. Describe facility requirements and prepare layouts for incident facilities.
d. Describe the needed staffing.
e. List and describe the steps and procedures necessary to activate the incident facilities.
f. Describe the process for maintaining liaison with those responsible (property owners) for the sites where the facilities are located.
g. Describe the appropriate security measures needed to take in each situation.
h. Describe and list the number and type of personnel and services required to handle the problems.
i. Describe the methods of supervision to locate available unassigned or out-of-service resources for the highest possible readiness levels based on incident needs.
j. List and describe the procedures used by the facilities unit.
k. Describe the reporting process used to keep supervisor advised of condition.
l. Prepare a Unit Log (ICS Form 214) and the necessary agency forms that are required.
m. Describe the interactions and working relationships of the facilities unit to the incident organization.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Facilities Unit Leader position.

Subjects covered: Facilities Unit Leader checklist; organizing and staffing the facilities unit; major activities, procedures, and responsibilities.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State Level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1919, Student Materials 1920, Slides 2050.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, Base/Camp Manager I-254, and Security Manager I-259.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-I-355

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Ground Support Unit Leader I-355	8		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Organize and staff the unit.
b. Develop supply needs and facility layout.
c. Coordinate and manage maintenance, and service of vehicles and equipment.
d. Maintain accurate timekeeping records, and administer rental agreements.
e. Demobilize the ground support unit.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Ground Support Unit Leader position.

Subjects covered: Organization and staffing; managing the ground support unit; implementing the traffic plan; record keeping; and demobilization.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State Level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1921, Student Materials 1922.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, and Equipment Manager I-255.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-I-356

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Supply Unit Leader I-356	32-36		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Organize and staff the supply unit.
b. Support the Incident Action Plan.
c. Provide management direction to the supply unit.
d. Develop and implement a unit demobilization plan in accordance with the Incident Demobilization Plan.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Supply Unit Leader position.

Subjects covered: Organization of the supply unit function; relationships with other functions; organization and operation of the supply unit function; and demobilization.

5. Target Group:

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1923, Student Materials 1924.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, and Ordering Manager I-252, or Receiving and Distribution Manager I-253.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-357

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Food Unit Leader I-357	20-24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Perform common responsibilities of assigned incident personnel.
b. Organize and staff the food unit.
c. Coordinate with the Logistics Section and other sections to assist in accomplishing the overall objectives.
d. Establish the kitchen operation to meet the needs of the incident.
e. Provide planned and nutritionally balanced meals.
f. Plan and order food for nutritionally balanced meals.
g. Determine the cooking facilities required including: Layout of preparation, serving, and eating area; equipment and personnel for preparing, cooking, and serving; the special serving needs for on-and-off site meals; and sanitation for meal preparation, cooking, storing, and serving.
h. Describe the requirements for maintenance of food serving, storage, preparing, cooking, and eating areas.
i. Develop and implement a unit demobilization plan in accordance with the Incident Demobilization Plan.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Food Unit Leader position.

Subjects covered: Common responsibilities of assigned personnel; organization and staffing the food unit; coordination with other functions; determining feeding requirements; providing and planning meals; preparing food orders; establishing the kitchen operations; kitchen maintenance; and demobilization.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State Level. The course package is available from the BIFC Warehouse. NFES # Instructor Guide 1925, Student Materials 1926.

Course Prerequisites: TRAINEE should have had Basic ICS I-220.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-358

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Communications Unit Leader I-358	72		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. List information and materials needed.
b. Organize and staff the communications unit.
c. Develop an effective communications plan.
d. Order the necessary communications equipment.
e. Locate and manage communications and message centers in an area that best facilitates incident needs.
f. Establish a system for issuing and retrieving all communications equipment.
g. Prepare and implement a demobilization plan in accordance with the Incident Demobilization Plan.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Communications Unit Leader position.

Subjects covered: Organization of communications function; managing communication centers; communication theory; available equipment and utilization; developing communications plans/forms; and demobilization.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State Level. The course package is available from the BIFC Warehouse. PMS # RI-358, NFES # Instructor Guide 1927, Student Materials 1928.

Course Prerequisites: TRAINEE should have had Basic ICS I-220.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-359

1. Course Title:

Medical Unit Leader I-359

2. Duration

Hours	Days	Weeks
Self-paced		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Identify the location of the Medical Unit with the ICS system.
b. List the primary duties of the unit leader and describe the need for a Medical Unit.
c. Prepare a Medical Emergency Plan utilizing ICS form 206.
d. Identify the basic operational needs of the Medical Unit.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Medical Unit Leader position.

Subjects covered: Orientation to the Medical Unit Leader; duties and responsibilities; medical emergency plan ICS Form 206; and medical unit operation.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State Level. The course package is available from the BIFC Warehouse. NFES # Course Administrator's Guide 1929, Student Materials 1930.

Course Prerequisites: TRAINEE should have had Basic ICS I-220.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-374

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Helicopter Coordinator I-374	24-32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Recognize pilot fatigue and safety problems.
b. Demonstrate or explain how to report in and receive a briefing.
c. Establish helicopter routes and patterns.
d. Establish radio communications control and procedures.
e. Identify factors having impact on helitanker performance.
f. Describe effective uses of helitankers.
g. Identify effective uses of helitankers in a given situation.
h. Identify cost effective uses of helicopters.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Helicopter Coordinator position.

Subjects covered: Safety; reporting in and briefing; air traffic control; communications; helitanker consideration and use; and helicopter utilization.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructors Guide 1941, Student Materials 1942, Slides 2008, Pre-study 1990.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, Helibase Manager I-271, and Helispot Manager I-272.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number
9200-I-375

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Air Support Supervisor I-375	24-32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe Air Support Supervisor duties and responsibilities.
b. Identify the necessary elements to organize, supervise, and manage a fixed-wing or helibase organization.
c. Describe and implement safety regulations of air operations.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Air Support Supervisor Position.

Subjects covered: Air support supervisor duties and responsibilities, organizing for air operations, and safety.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructors Guide 1943, Student Materials 1944, Pre-study 2040.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, Helibase Manager I-271, and Helispot Manager I-272.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-376

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Airtanker Coordinator I-376	24-32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Demonstrate or explain how to report in and receive a briefing.
b. Describe the rules and responsibilities of operating on a complex incident.
c. Describe and provide a good "target description."
d. Coordinate airtanker operations on a complex incident.
e. Identify different ICS types of airtankers and helicopters.
f. Establish radio communications control and procedures.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Airtanker Coordinator position.

Subjects covered: Organization and ICS structure; rules and responsibilities; fire operations and target descriptions; air attack missions planning and coordination; airtanker and retardant; aircraft types, capabilities, and limitations; and communication and control.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructors Guide 1945, Student Materials 1946, Slides 2046, Pre-study 2045.

Course Prerequisites: TRAINEE should have had Basic ICS I-220.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-378

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Air Attack Supervisor I-378	24-32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Demonstrate or explain how to report in and receive briefing.
b. Provide for safe air operations.
c. Efficiently utilize aircraft on an incident.
d. Establish air-to-ground and/or air-to-air communications.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Air Attack Supervisor position.

Subjects covered: Assignment and arrival over the incident; air attack missions and safety; strategy and utilization (fire incidents); aircraft communications; and basic map reading.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructors Guide 1947, Student Materials 1948.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, Strike Team Leader I-330, Helicopter Coordinator I-374, and Airtanker Coordinator I-376.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-I-400

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Incident Commander I-400	24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe the purpose of the incident briefing (ICS) Form 201) and what information is recorded according to ICS procedures.
b. Describe and list the material and information needed from the Initial Attack Incident Commander.
c. Describe incident objectives based on the agency direction and incident situation.
d. Establish time lines for incident planning meetings and describe the Incident Commander's responsibility at the planning meeting.
e. Identify and list action items that would require the Incident Commander's immediate attention.
f. Describe the Incident Commander's responsibilities in demobilization.
g. Describe how various unified command structures can be organized and list the responsibilities of the Incident Commander(s).
h. Recognize a properly completed Incident Action Plan, based on ICS guidelines.
i. List and describe the ICS positions that report to the Incident Commander.
j. Establish the frequency of staff checks and monitor incident action progress in assigned tasks.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Incident Commander position.

Subjects covered: Incident briefings, incident planning, incident management, unified command, incident demobilization, and incident evaluations.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructors Guide 1949, Student Materials 1950.

Course Prerequisites: TRAINEE should have had Basic ICS I-220.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-I-401

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Safety Officer I-401	24-32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Monitor incident activities to identify, inventory, and analyze the hazard and risk involvement.
b. Describe team interaction in planning meetings to ensure safety recommendations are included in the Incident Action Plan.
c. Prepare the safety message to be included in the Incident Action Plan.
d. Prepare and present a safety briefing.
e. Describe special reports for accidents or special situations based on the requirements of the Incident Commander, investigation team, or agency.
f. Determine if adequate medical facilities and services are available.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Safety Officer position.

Subjects covered: Safety officer effectiveness; analysis techniques; safety messages, briefings and reports; and high hazard operations.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructors Guide 1951, Student Materials 1952.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, Strike Team/Task Force Leader I-330, and Division/Group Supervisor I-339.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-402

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Liaison Officer I-402	16		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Identify and list information needed from the Incident Commander.
b. Describe the information that needs to be exchanged with cooperating and assisting agencies.
c. List items to be considered in establishing a work location.
d. Describe and list information that needs to be obtained from assisting or cooperating agencies for an incident planning meeting.
e. Describe the difference between assisting and cooperating agencies.
f. Identify the authority agency representatives must possess in the execution of their duties.
g. Identify and list the means and type of communication used for keeping agencies and incident personnel informed.
h. Describe the duties and responsibility of the Liaison Officer in incident demobilization.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Liaison Officer position.

Subjects covered: Duties of the Liaison Officer and agency representative; agency authority needed from the agency representative; differences between cooperating and assisting agencies; staffing needs; work locations and tools needed to perform the job; and methods and techniques used for communication both intra- and inter-incident.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructors Guide 1953, Student Materials 1954.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, Strike Team Leader I-330, and Division/Group Supervisor I-339.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-I-403

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Information Officer I-403	32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe and list materials and information necessary to begin the assignment.
b. Describe the 5 Ws (who, what, where, when, why, and how) used by the news media.
c. Describe the proper sequence and dissemination of incident information including: priority setting, tracking, and cooperative relations.
d. Describe information exchange process between the information officer and members of the overhead team, local agencies, and cooperators.
e. Develop a demobilization plan for the information staff in accordance with Incident Demobilization Plan.

4. Brief Description of Course:

To provide skills and knowledge needed to perform the Information Officer position.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse.

Course Prerequisite: TRAINEE should have had Basic ICS I-220.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-420

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Command and General Staff I-420	24-40		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Demonstrate the ability to perform within standards identified in the applicable position description.
b. Demonstrate the ability to interact with command and staff team members as evaluated by the facilitator.

4. Brief Description of Course:

To provide the skills necessary to successfully perform Command and General Staff management duties and understand inter-functional relationships on incidents.

Subjects covered: Communication skills; mobilization and transition; incident planning; demobilization; simulation suppression (management) and demobilization exercise; and evaluation.

5. Target Group:

6. Administrative Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Complete package 1957.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, Incident Commander I-400, Safety Officer I-401, Liaison Officer I-402, Information Officer I-403, Operations Section Chief I-430, Planning Section Chief I-440, Logistics Section Chief I-450, and Finance Section Chief I-460.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-I-430

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Operations Section Chief I-430	36-40		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Identify components of the management cycle and list the six principles of command.
b. Describe the duties and responsibilities of the Operations Section Chief.
c. Describe the relationship between the operations function and other functions of the General and Command Staffs.
d. List the operations function responsibility in the planning meeting and formulation of the Incident Action Plan.
e. Describe methods of acquiring intelligence and the utilization of this information in the implementation of the Incident Action Plan.
f. Describe the advantages and use of the staging area as a tool for the operations function.
g. Describe the needed interaction and the implementation necessary in the incident demobilization process.

4. Brief Description of Course:

To teach the management skills needed to perform as an Operations Section Chief.

Subjects covered: Command concepts; organization of the operations section; briefing information from the Incident Command; development of the operations portion of the Incident Action Plan; briefing of operations personnel on the Incident Action Plan; supervising operations on the incident; staging areas; assembling and disassembling strike team and task forces used on an incident; and release of excess resources and demobilization.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructors Guide 1959, Student Workbook 1960.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, Strike Team Leader I-330, and Division Group Supervisor I-339.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number
9200-I-440

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Planning Section Chief I-440	28-32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Manage the planning section.
b. Collect, analyze, and utilize incident information.
c. Develop alternative general control objectives.
d. Develop an Incident Action Plan.
e. Develop an Incident Demobilization Plan.

4. Brief Description of Course:

To provide skills and knowledge needed to perform as Planning Section Chief.

Subjects covered: Managing the planning section; collecting, analyzing and utilizing of incident information; alternate general control objectives; developing the Incident Action Plan and Incident Demobilization Plan.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructors Guide 1962, Student Workbook 1963.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, Field Observer/Display Processor I-244, Strike Team Leader I-330, Division/Group Supervisor I-339, Situation Unit Leader, I-346, and Resources Unit Leader I-348.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-450

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Logistics Section Chief I-450	36		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. List the activities that are the common responsibilities of assigned personnel.
b. Given a simulated incident, organize and staff the Logistics Section.
c. Provide logistical support to the Incident Action Plan.
d. Provide management direction to the Logistics Section.
e. Identify elements in determining demobilization needs and coordination.

4. Brief Description of Course:

To provide skills and knowledge needed to perform as a Logistics Section Chief.

Subjects covered: Organization of the logistics functions; relationships with other functions; organizing and operating the logistics function; and demobilization.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructors Guide 1964, Student Workbook 1965.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, Ordering Manager I-252, Receiving/Distribution Manager I-253, Base/Camp Manager I-254, Equipment Manager I-255, Facilities Unit Leader I-354, Ground Support Unit Leader I-355, Supply Unit Leader I-356, and Medical Unit Leader I-359.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-I-460

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Finance Section Chief I-460	32-40		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe and list the materials and information needed to begin the job.
b. Develop an operations plan and organize the finance section within established guidelines.
c. Assume the duties not filled in the finance section and perform at prescribed standards.
d. Supervise and coordinate ongoing activities within the finance section.
e. Coordinate with members of the incident organization, local agency, cooperators, and support personnel.
f. Complete employee evaluations.
g. Establish time lines and procedures for financial processing of released personnel and equipment.
h. Develop and implement demobilization plan for the finance section in accordance with the Incident Demobilization Plan.

4. Brief Description of Course:

To provide skills and knowledge needed to perform as a Finance Section Chief.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildlife Coordinating Group and is designed for instruction at the State level. The course package will be available from the BIFC Warehouse at a later date.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-I-470

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Air Operations Director I-470	16-24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe Air Operations Director duties and responsibilities.
b. Identify the necessary elements in planning for a complies air operation.
c. Identify the necessary elements in implementing the air operations portion of the Incident Action Plan.
d. Identify the minimum air communication frequencies needed.
e. Identify elements in determining demobilization needs and position coordination.

4. Brief Description of Course:

To provide skills and knowledge needed to perform as an Air Operations Director.

Subjects covered: Air operations organization overview, air operations planning, implementation of the Air Operations Plan, communications, and demobilization.

5. Target Group:

6. Administration Requirements:

This course is not presently certified by the National Wildfire Coordinating Group and is designed for instruction at the State level. The course package is available from the BIFC Warehouse. NFES # Instructors Guide 1969, Student Workbook 1970.

Course Prerequisites: TRAINEE should have had Basic ICS I-220, Helibase Manager I-271, Helispot Manager I-272, Strike Team Leader I-330, Helicopter Coordinator I-374, Air Support Supervisor I-375, Airtanker Coordinator I-376, and Air Attack Supervisor I-378.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number
9200-I-520

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Advanced Incident Management I-520	80		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe the responsibilities of all members of the Fire Incident Management Team.
b. Perform the functional job for individual specialty.
c. Recognize the applicability of management theory to the fire suppression job.
d. Function effectively as an Incident Management Team member on a simulated complex situation.
e. Individual and team performance must meet established criteria for successful completion or this course.

4. Brief Description of Course:

Advanced Incident Management I-520, formerly Generalship S-520, will be taught using the Incident Command System organization terminology and documents. The team composition will be: Incident Commander, Planning Section Chief, Operations Section Chief, Logistics Section Chief, and Finance Section Chief.

Incident teams will operate under the area command structure. Agencies are requested to nominate more Incident Commanders to allow the assignment of two Incident Commanders to each team.

There will be no command staff training provided.

5. Target Group:

Potential Class I fire overhead personnel.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the national level every other year at NARTC.

Course Prerequisites: INSTRUCTOR will be Command and/or General Staff qualified at the Multi-Branch level.
TRAINEE should have completed Basic ICS I-220, and must be functionally qualified at the Multi-Division Level for the position they will be filling at the course.

---

7. Self-Study Considerations:

---

8. Remarks:

College Credit - 2 Semester Hours - University of Arizona Accreditation--University of Arizona Course Number RNR 497 rx.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-I-620

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Area Command I-620	40		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe operational principles of area command.
b. Function effectively on an Area Command Team during simulated area command situations.
c. Describe the relationship between incident management teams and other organizational levels, other agencies, and political entities.
d. Individual and team performance must meet established criteria for successful completion of this course.

4. Brief Description of Course:

Area Command I-620, formerly Command S-620, will be taught using the Incident Command System organization, terminology, and documents. The team composition will be:

Area Command, Area Planning Coordinator, and Area Logistics Coordinator.

5. Target Group:

Potential Area Command or equivalent fire overhead personnel.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designated for instruction at the national level every other year at NARTC.

Course Prerequisites: INSTRUCTOR must be qualified Area Commander, Area Planning Coordinator, or an Area Logistics Coordinator.
TRAINEE as individuals or teams must be functionally qualified at the multi-branch level. Nominations must be submitted with a current printout from the, Experience and Training Record, or equivalent.

---

7. Self-Study Considerations:

Not available as a self-study text.

---

8. Remarks:

College Credit - 1 semester hour - University of Arizona Accreditation--University of Arizona Course Number RNR 497 sx.

PREVENTION COURSES
(Descriptors Not Included)

The following prevention courses are under development by NWCG. States that wish to develop prevention training courses, because of a specific need, are encouraged to develop to NW#CG standards so that they may be utilized on a national basis. For further information, contact the Chief, Division of Training, BIFC.

Most of these courses are planned as short modules (less than one day) and are designed for local presentations. As these courses are developed and receive NWCG certification, descriptors will be added to this guide.

9200-P-102 Smokey Bear

9200-P-110 Structures and Improvements

9200-P-111 Equipment

9200-P-112 Spark Arrestors

9200-P-113 Rights-of-Way

9200-P-130 Wildfire Prevention Communications I

9200-P-131 Interpersonal Communications--Contractor Training

9200-P-150 Patrols, Restricted Use and Closure

9200-P-151 Fire Cause Determination

9200-P-152 Compliance Inspection

9200-P-210 Powerlines

9200-P-211 Railroads

9200-P-212 Industrial Operations and Construction Projects

9200-P-213 Recreation Areas

9200-P-230 Exhibits

9200-P-231 Show-me Trips/Tours

9200-P-232 Teacher Training

9200-P-233 Developing and Conducting Programs

9200-P-234 Wildfire Prevention Communications II

9200-P-250 Permits and Citations

9200-P-330 Wildfire Prevention Communications III

PREVENTION COURSES
(Descriptors Included)

The following course has been developed by the Federal Law Enforcement Training Center and will be incorporated into the prevention curriculum.

9200-1 Preliminary Fire Investigation

9200-P-101 Introduction To Wildfire Prevention

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-1

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Preliminary Fire Investigation	24	3	

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Make a preliminary investigation of a wildfire.
b. Prepare a written report which sets forth all relevant facts obtained from the investigation and proves the elements of any violation.

4. Brief Description of Course:

This course will take students through the investigative procedures of a fire trespass. Approximately 75% of the course is conducted in the field. Students should come prepared with boots and field clothing.

5. Target Group:

Interagency fire management personnel who are responsible for making preliminary fire investigations.

6. Administration Requirements:

States wishing to make nominations for this course should follow BIFC or NARTC nominations procedures as appropriate.

The present course package is available from:

Federal Law Enforcement Training Center
Glynco, GA
Atten: US Treasury Service

A new course is being developed and will be available August 1, 1987 through the BIFC Warehouse.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-P-101

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Introduction to Wildfire Prevention P-101	1		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Define the role and responsibility of the prevention specialists.
b. State the elements of wildfire prevention activities.

4. Brief Description of Course:

This course provides an orientation to the elements of wildfire prevention.

Subjects covered: Evaluation of wildfire impacts locally and nationwide; fire risks and hazards; three "Es" for eliminating risks and hazards; wildfire prevention programs; the role of wildfire prevention to fire management; cooperation of fire officials and county planners; and coordination of fire suppression, prescribed fire, and fire prevention in land management.

5. Target Group:

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. The course package is available through the National AudioVisual Center, General Services Administration, Order Section II, Washington, DC 20409.

Course Prerequisites: TRAINEE, none.

---

7. Self-Study Considerations:

---

8. Remarks:

MANAGEMENT COURSES
(Descripters Not Included)

9200-21 Incident Communications Technology and Systems Management

Course 9200-21 is being developed by NARTC and will be available by FY '89.

MANAGEMENT COURSES
(Descripters Included)

9200-2	Aviation Management & Safety
9200-3	Aerial Retardant Application and Use
9200-4	Forest and State Level Fire Management Analysis
9200-5	Fire and Resources Management for Line Officers and Program Managers
9200-6	Advanced Smoke Management
9200-7	Air Quality
9200-8	Entry Level Dispatcher Training
9200-9	Planning for Prescribed Burns in BLM
9200-10	Prescribed Fire for burn Bosses
9200-11	HP-71B Fire Behavior Calculator Training
9200-12	Fire Behavior for Managers
9200-13	National Fire Danger Rating System
9200-14	Fire Effects
9200-15	Ignition Specialist
9200-16	Smoke Management Techniques RX95
9200-17	Facilitative Instructor
9200-18	Facilitative Instructor Handoff
9200-19	Prescribed Fire For Managers
9200-20	Custom Fuel Modeling
9200-22	Planning Process for VIdeotape Production (Storyboarding for the Manager)
9200-23	Videotape Production/Post Production

NOTE: The BIFC Division of Training, together with WO-740, the BLM Prescribed Fire Committee, and cooperating agencies is currently working to develop a complete curriculum of prescribed fire courses. Prescribed Fire for Burn Bosses is the first course to be developed in this curriculum. Training for ignition specialists is planned for development in FY '87. It is anticipated that future development will be needed for Project Coordinators, Burn Managers, and Weather and Fire Behavior Specialists. Training needs for Holding Specialists and Crew Members are adequately met by existing materials.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-2

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Aviation Management & Safety			2

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Develop an understanding of roles and responsibilities of an Aviation Management Officer.
b. Select the proper resources, develop a method to control their use, and evaluate the results against predetermined objectives and cost effective performance.
c. Identify the components of the contracting system, define the responsibilities and roles and relationships between the contracting officer and aviation manager.
d. Recognize economic factors in equipment selection and use, resulting in cost effective decision making.

4. Brief Description of Course:

The course is designed for personnel with aviation management responsibilities at the State Office and Forest level. The subject material covered deals with aviation policy (USDI-Office of Aircraft Services, Bureau of Land Management, and USDA Forest Service), the duties of the Aviation Officer, development of unit aviation plans, and project plans (helitorch operations, spray projects, etc.), fuel quality management and an overview of transportation of hazardous materials. A presentation of the capabilities and availability of national aviation resources in the areas of technical expertise and technological developments in land management aviation programs will be covered. Contracting is covered from the development of a contract through the administrative phase by the contracting officer, contracting officer's representative, and contracting officer's technical representative. Safety programs and inspections are dealt with in the classroom through the use of slides depicting common hazards. Aviation accident/incident reporting and investigation process are also covered.

5. Target Group:

   a. State aviation officers, forest air officers, individuals with aviation program management responsibilities and potential aviation managers.
   b. Individuals who have aviation procurement and contract administration responsibilities.

6. Administration Requirements:

   Course Prerequisites: TRAINEE must complete 4-6 hours of pre-reading and pre-work and have completed Intermediate Air Operations S-370 or the equivalent. A current printout or equivalent must be submitted with nomination.

   State Directors should submit nominations to NARTC. Nomination procedures and described in the introduction of the Fire Management Section of this Guide.

7. Self-Study Considerations:

8. Remarks:

   College Credit - 2 semester hours - University of Airzona Accreditation--University of Arizona Course Number RNR 497jx.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number
9200-3

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Aerial Retardant Application and Use		5	

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

To achieve state-of-the-art technology transfer in the application and use of aerial retardant.

4. Brief Description of Course:

a. Course will address state-of-the-art technology and ways to improve cost effective use of aerial retardant.
b. Demonstrate conditions under which retardant is effective/ineffective.
c. Cover principles of safety in retardant programs.
d. How to manage retardant application as part of overall suppression strategies.
e. Technology transfer of latest information in research and development in aerial retardant program.

5. Target Group:

Regional air officers, fire suppression program leaders, operations chiefs, air attack group supervisors, air support group supervisors, air tanker coordinators, air operations branch directors.

6. Administration Requirements:

State Directors should submit nominations to NARTC. Nomination procedures are described in the introduction of the Fire Management Section of this Guide.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number
9200-4

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Forest and State Level Fire Management Analysis		5	

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

Participants will be able to complete the fire management analysis process, using current methods and procedures based on national direction, with uniformity and consistency.

4. Brief Description of Course:

a. The course links land management planning actions and fire management analytical techniques.
b. It describes how the analytical process works and how to use its outputs.
c. An overview of the NFMAS will be covered along with a review of programs (systems) available, the data needed for analysis, the analysis process, and the analysis links with fire planning and unit resource planning. Interpretation of the outputs and identification of preferred alternatives will be covered in detail.

5. Target Group:

The course is designed for people meeting the following criteria:

a. Forest Service, state and private personnel, and state personnel, responsible for performing the analysis, or for training and assistance at the state level for state personnel who perform the analysis.
b. National Forest System key personnel who will be responsible for:
   (1) Providing continuing on-the-job training and assistance on the regional or zone basis to forest personnel who perform the analysis.
   (2) Doing the analysis for several forests on a regional or zone basis.
   (3) Doing the analysis on a higher fire workload and budget forest.

6. Administration Requirements:

State Directors should submit nominations to NARTC. Nomination procedures are described in the introduction to the Fire Management Section of this Guide.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-5

1. Course Title:

Fire and Resource Management for Line Officers and Program Managers

2. Duration

Hours	Days	Weeks
	10	

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Define the implications of fire management and the interaction among the line officer, fire manager, and resource specialists necessary to accomplish fire and resource management goals.
b. Integrate fire considerations into resource management.
c. Implement fire considerations as identified in Resource Management Plan.

4. Brief Description of Course:

This course is designed to give the participants an understanding of the overlapping roles played by the line officer and program manager in integrating fire management into resource management.

This course will start with the historical role of fire in the ecosystems and modern man's traditional suppression role, and then will deal with the uses of various fire strategies to plan and implement resource management goals and objectives.

Technical information in areas of cultural/social/political/legal considerations in planning fire effects on resources, new fire management technology, smoke management, prevention/suppression considerations, and fire history implications in planning fuel, wildlife, forest, range, and chaparral management will be presented. Successful land management programs utilizing fire as a management tool will be presented and discussed. Time is scheduled for individual agency issues and concerns to be discussed.

5. Target Group:

Line officers, key resource specialists and fire managers responsible for integrating or implementing fire management considerations in resource management activities.

6. Administration Requirements:

State Director should submit nominations to NARTC. Nomination procedures are described in the introduction to the Fire Management Section of this Guide.

7. Self-Study Considerations:

8. Remarks:

College Credit - 2 semester hours - University of Arizona Accreditation--University of Arizona Course Number RNR 497nx.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-6

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Advanced Smoke Management		4	

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

This course will prepare the student to manage smoke from prescribed fires to maintain air quality standards and minimize smoke impacts. This will be accomplished through an understanding of:

a. Smoke management objectives and regulatory requirements.
b. Smoke production characteristics and effects.
c. Management of smoke.
d. Smoke monitoring and evaluation.

4. Brief Description of Course:

Video tapes of national experts are available to supplement instruction in the local area. On-site regional instructors present information and materials germane to the area.

5. Target Group:

This course is designed for industrial, local, state, and Federal personnel, such as prescribed fire managers, burn bosses, fire management officers, air quality specialists, resource specialists, interested public, and line officers, who are responsible for implementing a prescribed fire program, maintaining air quality standards, and minimizing smoke impacts.

6. For participation in national training, State Directors should submit nominations to NARTC. Nomination procedures are described in the introduction of the Fire Management Section of this Guide.

   Video tapes and related materials for local use are available from the BIFC Division of Training on request.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number
9200-7

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Air Quality		5	

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Improve abilities to screen PSD application and to estimate air pollution impacts of proposed industrial development.

b. Learn techniques and sources of technical support for in-depth analysis of PSD applications with potential for causing significant adverse impacts.

4. Brief Description of Course:

The Federal Land Manager is responsible for protecting air quality related values in 158 congressionally designated Class I Federal areas. A key feature of this task is to review preconstruction application by proposed or modified major emissions sources. The Federal Land Manager has a non-discretionary duty to evaluate the impacts of these emissions on Class I Federal areas and certify the acceptability of these impacts or make a determination of adverse impacts and recommend the modification or denial of the construction permit. The PSD process is the congressionally mandated method for protection of air quality and air quality related resources.

5. Target Group:

Reviewers of PSD applications.
(PSD) prevention of significant deterioration.

6. Administration Requirements:

State Directors should submit nominations to NARTC. Nomination procedures are described in the introduction of the Fire Management Section of this Guide.

Course Prerequisites: Visit a state air regulatory agency, know the state PSD program and understand the PSD review process in general and in a specific state.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

Course Number
9200-8

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[X] Self-Study (Option)

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Entry Level Dispatcher Training	Variable		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. The dispatcher will determine the status of all fire related resources in accordance with the District specified timeframes.
b. Using appropriate field guides and references, the Dispatcher will process weather data to evaluate resource status in accordance with District policy.
c. The dispatcher will determine detection actions to be taken based upon evaluations of weather and lightning and/or man-caused risk. The determination will be made in accordance with the District detection plan and/or contingency detection plan.
d. Upon receiving a report of an incident, the dispatcher will send resources to make the initial attack on it. The resources will be of the type and number to meet the standards set by District policy.
e. The dispatcher will schedule an aircraft upon request after obtaining appropriate departmental and bureau policies.
f. Upon receiving a resource (fire) order requesting resources to support an incident, the dispatcher will gather those resources and arrange for them to get to the incident within agreed upon timeframes.
g. When notified that resources assigned to an incident are available for movement to another location, the dispatcher will gather those resources and arrange for them to move via appropriate transportation to that location within agreed upon timeframes.

4. Brief Description of Course:

Course is designed to be administered at the District level with the incumbent completing modules of training (14 modules) under the direction of a supervisory dispatcher, fire control officer, as fire management officer. Each module is a stand-alone product where the incumbent completes the module than moves directly to the job. Good product to use when combining final training with OJT.

5. Target Group:

Bureau personnel who will function as dispatchers at the District level in support of initial attack fire activities. Entry level course.

---

6. Administration Requirements:

This course is not certified by the National Wildfire Coordinating Group and is designed for instruction at the District level.

Proctor as administrator per location should be identified--each trainee is provided with the modules which develop the skills needed to function as a dispatcher. Modules become job aids and are not designed to be used over again. Adequate modules must be obtained per trainee (one set per trainee). Contact the BIFC Division of Training for Course Material.

---

7. Self-Study Considerations:

Course is taken at the job site with direction and supervision provided by experienced dispatchers, FCOs or FMOs, for explanation, evaluation, and application of job skills and knowledge acquired through completion of modules to the job.

---

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-9

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Planning for Prescribed Burns in BLM			

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Identify the authority for conducting prescribed burns.
b. Identify procedures for getting prescribed burn projects into the AWP.
c. Data collection, calculation of probabilities, and resource management objectives will be correct within 10%.
d. List sources of information and reference materials available in most BLM offices.
e. Calculate the probable environmental effects of a prescribed burn at a field location within 10% of known effects in the same area.

4. Brief Description of Course:

This course explains the sequence of events that should be followed in the preparation of a prescribed burn. It explains the planning, evaluation, and recommendations phases of prescribed burning in detail. Any individual taking this course should be able to prepare a prescribed burn plan upon completion of this program.

5. Target Group:

Personnel involved in data collection, burn plan preparation, prescribed burn management, or burn bosses.

6. Administration Requirements:

Course is for implementation by BLM states and is a handoff of the Bureauwide course conducted at BIFC in FY '83 and "84. Assistance and materials are available for states wishing to conduct this course through the BIFC Division of Training.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number
9200-10

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Prescribed Fire for Burn Bosses	80		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Identify those factors of fire intensity which have an effect on local resources.
b. Identify the requirements and components for developing burning prescriptions and operational plans.
c. Identify burning techniques that need be applied to meet burning plan requirements.
d. Given land management objectives, fire behavior history, weather data, and fuel loading, develop a burning prescription and operational plan for a given fuel model.
e. Execute the operational plan meeting local management objectives, smoke disbursement and visibility within public health standards.
f. Identify and apply air quality monitoring techniques to meet Clean Air Act requirements.
g. Evaluate immediate post-burn fire effects against given management objectives.

4. Brief Description of Course:

This course consists of three documents instructor's guide, prestudy, and student text. The training addresses the use of fire, fire effects, fire behavior in four specific fuel models, smoke management, planning and operational criteria for burning, and evaluating the results of the managed burn.

5. Target Group:

The target position of this course is prescribed fire burn boss. In selecting the trainees it is important the course prerequisites be adhered to as closely as possible. The course will use existing intermediate fire behavior skills, fire planning, and size-up experiences, thus directing the trainee to prescribed fire planning, implementation, and evaluation.

6. Administration Requirements:

This course should be sponsored by the State Office and be instructed in conjunction with a planned burn. The BIFC Division of Training will provide assistance in obtaining qualified instructors and materials. A minimum of nine months lead time is required in order to make all necessary arrangements.

Course Prerequisites: INSTRUCTOR must be certified to present this course and should have had recent, extensive prescribed fire burning experience as it relates to fire effects, planning and implementation. All instructors should have completed the Facilitative Instructor training course or an equivalent 40 hours instructor training course. TRAINEE shall meet the following prerequisites before attending this training:

a. The trainee should have successfully completed the following training courses or met the performance criteria of each course:
   (1) Basic Firefighter S-130
   (2) Introduction to Fire Behavior S-190
   (3) Portable Pumps and Water Use S-211
   (4) Firing Methods and Equipment/Firing Boss S-215 or Ignition Specialist
   (5) Fire Behavior S-390 (current version)
   (6) Fire Supervision S-201
   (7) First Attack Fire Boss S-200
   (8) TI-59, or HP-71B, or BEHAVE
b. The trainees shall be a qualified first attack fire boss.
c. Meet the physical fitness requirements--pass the step test with a score of 40 or run 1 1/2 miles under 11 minutes 40 seconds.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[X] Self-Study (Option)

Course Number

9200-11

1. Course Title:	2. Duration		
	Hours	Days	Weeks
HP-71B Fire Behavior Calculator Training	24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. To gain a thorough knowledge and understanding of the general structure and capabilities of the HP-71B Calculator.
b. To demonstrate proficiency in the use of HP-71B to calculate fire danger and fire behavior.
c. To understand the basic care and maintenance of the HP-71B.

4. Brief Description of Course:

This course is designed to teach trainees how to properly use the HP-71B Calculator for computing fire danger and fire behavior. The calculator is capable of performing all the functions of the out-dated TI-59, plus BEHAVE and many other fire computer programs.

5. Target Group:

Former users of the TI-59 and other at the district, park, reservation, or refuge level who are responsible for making or using fire behavior or fire danger parameter estimates. Especially adopted for entry level candidates who have at least completed the S-390 course. Also suitable for experienced fire behavior analysts (S-590) who have not been active for two or more years.

6. Administration Requirements:

This course is NWCG certified and is designed for insdtruction at the district level. The course package is available at the BIFC Warehouse.

This course can be designed to fulfill specific agency needs as determined by local managers.

Course Prerequisites: TRAINEE successful completion of S-390, and a working knowledge of the BEHAVE program.

---

7. Self-Study Considerations:

A self study guide is available. It is an integral and essential part of the training session. Optional use of the guide for personnel at outlying units or those requiring a quick review of the essentials is available.

---

8. Remarks:

Personnel who have completed S-590 can complete this training in 8 hours.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-12

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Fire Behavior for Managers	80		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

Apply the latest scientific techniques to calculate and predict fire behavior and related phenomena for use in meeting resource management objectives.

4. Brief Description of Course:

5. Target Group:

Fire management personnel involved with approval, planning, implementation, and evaluation of fire management programs who need advanced fire behavior knowledge.

The last 1 to 1 1/2 days will be devoted to covering techniques to successfully administer and conduct the course at the local or agency level.

This course is not a prerequisite, nor can it be substituted for Fire Behavior Analyst S-590 in meeting NIFQS/NIIMS requirements.

6. Administration Requirements:

State Directors should submit nominations to NARTC. Nomination procedures are described in the introduction to the Fire Management Section of this Guide.

Course Prerequisites: TRAINEES must have completed Fire Behavior S-390, or equivalent, and completed HP71-B Fire Behavior Calculator training. Must also complete approximately 40 hours of prework and pass a comprehensive test of fire behavior knowledge to be considered for selection.

7. Self-Study Considerations:

8. Remarks:

Two college credit course--University of Arizona Accreditation Number 497 mx.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-13

1. Course Title:	2. Duration		
	Hours	Days	Weeks
National Fire Danger Rating System (NFDRS)	32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Define fire danger and fire danger rating in relation to the 1978 NFDRS.
b. Define and demonstrate the 1978 NFDRS process.
c. Demonstrate the various methods of calculating NFDRS components and indices (AFFIRMS, Nomograms, TI-59, and FIREFAMILY).
d. Demonstrate a working knowledge of applications of NFDRS in wildland fire management and control.

4. Brief Description of Course:

This course is designed to train an individual as an operator of NFDRS. The training deals with the components and indices of NFDRS (National Fire Danger Rating System) and methods of calculation such as AFFIRMS, TI-59, and FIREFAMILY. This training provides an in-depth look at application of NFDRS to prescribed burning, dispatching and manning, closures and restrictions on activities in regulated wildlands.

The training is structured around the trainee. It is designed so that the trainee can interact with the course material through discussion, group exercises, and immediate feedback of results.

5. Target Group:

This course is designed for individuals who have been identified as potential operators of the National Fire Danger Rating System. Individuals must have capabilities that include familiarity with computer terminals and technical fire program experience at the local level.

6. Administration Requirements:

This course is certified by the National Wildfire Coordinating Group and is designed for instruction at the District level. The course package (Instructor's Guide) is available from the BIFC Warehouse (see the National Fire Equipment System, Fire Supply and Equipment Catalog).

Course Prerequisites: TRAINEE should have the need for NFDRS application. Trainee should have technical fire program background in terms of suppression and prescribed fire. Trainee should understand the basic operation of a computer terminal.

---

7. Self-Study Considerations:

---

8. Remarks:

Supplemental handbooks available from the BIFC Warehouse.

National Fire Danger Rating System, Users Guide NFES #1522

National Fire Danger Rating System, NFES #0306

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-14

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Managing Fire Effects-FS-R4		4	

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

THIS IS A FOREST SERVICE COURSE SPONSERED AT BIFC IN COOPERATION WITH REGION 4.

a. To be able to predict the consequences of varying levels of fire intensity within the major ecosystems of the Western United States.
b. To be able to interpret this scientific knowledge into measurable prescribed fire management goals.
c. To share in state-of-the-art methods of monitoring fire effects on the ecosystem.

4. Brief Description of Course:

Primarily a lecture/discussion with two major goals:

a. Applied scientific effects of fire on soils, water, flora, fauna, fuels, and air.
b. Operational use and fire effects within major western ecological types.

5. Target Group:

a. Multi-disciplinary resource personnel charged with the responsibility to meet specific management goals through the use of prescribed fire.
b. Management personnel desirous of learning more about fire as a method of meeting land management objectives.
c. Fire management specialists searching for better ways to manage and use scientific prescribed fire.

6. Administration Requirements:

State Directors should submit nominations to BIFC, as appropriate. Nomination procedures are described in the introduction to the Fire Management Section of this Guide.

7. Self-Study Considerations:

Recommend pre-study of USDA General Technical Reports WO-7, 9, 10, 13, and 16 (Sept. 1978 through March 1981--The so called "Rainbow Series" of fire effects on the basic six resources.)

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-15

1. Course Title:

Ignition Specialist

2. Duration

Hours	Days	Weeks
Variable		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Analyze the Ignition Plan and describe its validity by stating the rational of why or why not the plan will work.

b. Write an Ignition Plan which incldues:
   (1) Ignition method
   (2) Firing tatics and application
   (3) Manpower needs and assignment
   (4) Equipment needs and assignment
   (5) Safety
   (6) Any other needs

c. Execute the Ignition Plan for the actual prescribed fire by completing all tasks.

4. Brief Description of Course:

This course identifies the common tasks that are performed by a BLM prescribed fire ignition specialist. The tasks identified are important skill and knowledge elements needed by an individual to perform the job. As an employee demonstrates satisfactory performance of a task, that individual will be certified by their respective prescribed fire supervisor. This certification will record the individuals development in an assigned subject area. At the completion of all tasks listed in the Ignition Specialist Task Book that individual will be certified as a fully qualified prescribed fire ignition specialist.

Upon successful completion of a task, the supervisor will make the proper entries in the task book. Any unsatisfactory performance should be noted so that re-evaluation can be accomplished as soon as possible to make certain those skills are mastered by the individual. This book identifies common tasks that are performed by an ignition specialist and are organized into subject areas for easy access. There are blank spaces provided so the local supervisor can list any locally required tasks.

5. Target Group:

Prescribed fire personnel at the district or resource area level of the BLM, the agency level of BIA, and the park or monument level of the National Park Service, who wish to become qualified as an ignition specialist and who meet the prerequisites.

---

6. Administrative Requirements:

Each individual should ensure a task book is being maintained and on record. When performing a task, the individual will seek out the prescribed fire supervisor and ensure that the experience is recorded. In addition, the individual should notify the district fire management officer (DFMO) of current experience.The DFMO will maintain a file that provides information concerning task certification for each employee. The DFMO will also provide and promote opportunities for employees to maintain and increase their qualifications through prescribed fire assignments. This process may be derived and documented through the use of the Individual Development Plan (IDP). When two satisfactory assignments have been performed, certification should be documented. This record will also follow the individual to new duty stations. Persons holding a supervisory position are to record the experiences and certify performance of each individual that satisfactorily performs a task. The development of an individuals skills and knowledge will lead to that person's certification in a prescribed fire position. In addition it will provide a training ladder and higher certification for the employee.

Course Prerequisites: TRAINEE must be prescribed fire crewmember qualified and successfully completed the following: Fire Behavior S-390, Ignition Specialist or Firing Boss S-215, and as appropriate to the district prescribed fire needs: Fire Supervision S-201, Fire Business Management Principles S-260, Basic Air Operation S-270, and current technology of advanced ignition systems; helitorch, terratorch, etc., or be certified in all the tasks listed in the Ignition Specialist Task Book for the representative fuel model and view the Prescribed Fire Management and Organization video,or qualified firing boss, and view the Prescribed Fire Management and Organization video, and satisfactory performance as an ignition specialist trainee on two prescribed fires for each fuel model in which the trainee is being qualified. Must have achieved a 45 score on the step test, or run 1 1/2 miles under 11 minutes and 40 seconds.

---

7. Self-Study Considerations:

a. A strong management commitment to "dedicated duty hour" time is a critical requirement to the successful completion of courses designed for individual study. Burn plans may identify individuals targeted for use of this course.
b. As stated, there are several possible ways to manage the course. This course has been designed for ease of administration. Each component contains completed instructions for use.
c. Unit tests are provided to the student with the study material. It is possible to challenge the course by taking the unit tests without completing the unit lessons. Completion of unit tests are in the field under fire conditions and self administered. Upon completion of all the unit tasks, the individual trainee's supervisor can qualify him/her as an ignition specialist in the fuel types worked in and certified in.

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-16

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Smoke Management Techniques RX95	24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Demonstrate an understanding of the legal, professional and ethical reasons for managing smoke and the role of Federal, state, and local agencies involved with and affected by smoke from prescribed fire.
b. Demonstrate an understanding of how to participate in air quality rule making.
c. Demonstrate an understanding of the costs and benefits of managing smoke.
d. Demonstrate the techniques to manage and monitor prescribed fire smoke.

4. Brief Description of Course:

Designed for a 24 hour (3 day) instructor-led presentation with emphasis on managing prescribed fire smoke generation at the site level, with practitioners (burn boss, burn managers) the primary trainees. Some prework is required.

The session will enable trainees to better prepare smoke management plans which are realistic and better recognize when the smoke management parameters have been or are going to be exceeded.

5. Target Group:

Prescribed fire personnel including but not limited to prescribed burn bosses (primary), prescribed fire managers, ignition specialists, weather/fire behavior specialists, planning specialists, program managers, etc.

6. Administrative Requirements:

This course is presently available only as an instructor-led course available from the National Park Service, Western Region - San Francisco, California.

INSTRUCTIONAL DESIGN - this course is designed using an interactive approach and contains an Instructor's Guide and Student Text. The Instructor's Guide provides interactive classroom situations. It addresses subject coverage areas by units, supporting materials; i.e., handouts, viewgraphs, etc. and appendices. It includes all materials and data necessary to present this course.

Course Prerequisites: INSTRUCTOR should have had recent extensive prescribed fire burning experience as it relates to smoke management, planning and implementation. All instructors should have completed the Facilitative Instructor training course or an equivalent instructor training course. TRAINEE shall be a qualified prescribed fire burn boss. BURN BOSS PREREQUISITES - must meet agency manual requirements: BIA - 53BIAM Supplement 8 + Wildland Fire Management Qualifications System; BLM - 9215.3; NPS - Wildland Fire Management Qualifications System.

---

7. Self-Study Considerations:

---

8. Remarks:

A test course is to be held in Phoenix, Arizona in September 1987. Course Coordinator is Tom Gavin, NPS Western Region.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-19

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Prescribed Fire For Managers	32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

4. Brief Description of Course:

The in's and out's of prescribed fire management for managers. Includes the planning through implementation phase which will include prescription development, prescribed fire plan, and strategy and tactics.

5. Target Group:

6. Administration Requirements:

Course will be available FY '88. Check NARTC course schedule for dates and nomination information.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number
9200-20

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Custom Fuel Modeling	32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

4. Brief Description of Course:

The course is designed for those wanting to develop a fuel model for a fuel type which can't be adequately represented by one of the existing 13 fuel models. Theory and application will be discussed. Strong understanding of fire behavior and behave program is required.

5. Target Group:

6. Administration Requirements:

Course will be available FY '88. Check NARTC course schedule for dates and nomination informatioin.

7. Self-Study Considerations:

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

☐ Bureauwide Course offered at Central Location

☒ Bureauwide Course Available for Export to Location Designated by Requesting State

☐ Self-Study (Option)

Course Number

9200-22

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Planning Process for Videotape Production (Storyboarding for the Manager)	4-24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Formulate a project objective.
b. Perform an audience analysis.
c. Choose a project treatment and style.
d. Produce a concept and a visual storyboard.

4. Brief Description of Course:

This course is designed to instruct the manager or supervisor in the process required to communicate specific ideas into a visual product. The products of this course can be a completed storyboard with identified visuals, narration, and productuion notes.

5. Target Group:

This course is designed for managers who desire the production of a videotape and for staff who must produce and post-produce the finished video program.

6. Administration Requirements:

Datge of course should be arranged with the Chief of Training Support, BIFC, 208-334-9251 or FTS 554-9251.

No course prerequisites.

7. Self-Study Considerations:

INFO-LINE, Create Quality Videos, published by the American Society for Training and Development, 1630 Duke Street, Box 1443, Alexandria, VA 22313. $9 per copy, is used as a student text for this course.

8. Remarks:

The storyboard process can be taught in one 4-hour period. Course length should be increased to 3 days if a specific storyboard is to be completed during the course.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number
9200-23

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Videotape Production/Post-Production	4-24		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Field shoot a video from a shooting script.
b. Operate the required equipment: Video camera, recorders, lights, and accessories.
c. Formulate a location plan, resource plan, and tape log.
d. Develop an off line edit list.
e. Perform a first draft edit.
f. Produce media transfers, character generation, video graphics, and sound track production.
g. Perform final reviaew and edit.

4. Brief Description of Course:

This course is designed to instruct the video producer in the operation of field production and post-production equipment. The course is most productive when the student has a completed storyboard for a video project that is currently under production.

5. Target Group:

This course is designed for staff members who have been assigned the production of a videotape. Trainers, public affairs personnel, audiovisual people, and other district and state office employees required to operate production equipment will benefit.

6. Administrative Requirements:

Date of course should be arranged with the Chief of Training Support, BIFC, 208-334-9251 or FTS 554-9251. The using office should determine if both production and post-production courses are required.

7. Self-Study Considerations:

8. Remarks:

If the student has productiuon or post-production equipment available, it is recommended that this hands on training be provided at your site on your equipment. If the video equipment has not yet been procured, the training can be delivered at BIFC.

9200-17 Facilitative Instructor

9200-18 Instructor Handoff for Course Title

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[X] Bureauwide Course offered at Central Location

[ ] Bureauwide Course Available for Export to Location Designated by Requesting State

[ ] Self-Study (Option)

Course Number

9200-17

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Facilitative Instructor	32		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

a. Describe specific training principles and conditions which apply to adult education.
b. Describe specific training methods and techniques of course presentation which stimulate trainee interest, participation, and group interaction.
c. Identify sound techniques of instructional preparation.
d. Demonstrate effective classroom organization.
e. Identify and discuss training administrative procedures.
f. Identify the roles and discuss the process of group dynamics.
g. Discuss and demonstrate the evaluation process in training.
h. Present final assignment.

4. Brief Description of Course:

This course is designed to help personnel with technical competence in fire management and other disciplines become more effective instructors by presenting methods and practices of instruction emphasizing student oriented adult teaching techniques.

5. Target Group:

The selection of potential students should be based on the individual's technical competence in fire management, or other disciplines as appropriate; the availability to instruct classes; and an interest in improved training.

6. Administration Requirements:

Distribution of this course is limited to qualified instructors, however, courses will be presented at the State level on request. For further information, contact the BIFC Division of Training.

Course Prerequisites: INSTRUCTOR must have completed Effective Instructor Training M-410, or the Facilitative Instructor course, and must have participated in at least one of the above sessions as a trainer with qualified instructors.

---

7. Self-Study Considerations:

---

8. Remarks:

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

[ ] Bureauwide Course offered at Central Location

[X] Bureauwide Course Available for Export to Location Designated by Requesting State

[X] Self-Study (Option)

Course Number

9200-18

1. Course Title:	2. Duration		
	Hours	Days	Weeks
Instructor Handoff For Course Title	Varies		

3. Performance Objectives (the measurable performance expected from trainees upon completion of training):

Trainees will be able to instruct the courses identified.

4. Brief Description of Course:

Instructor handoff courses are conducted for the purpose of familiarizing qualified instructors with new training materials and preparing them to present instruction at national, state, and district levels.

5. Target Group:

Personnel who are qualified to instruct in the area for which the course is conducted.

6. Administration Requirements:

Nominations will follow procedures established for BIFC or NARTC courses. (See introduction to the Fire Management Section of this Guide.)

Instructor handoff courses are also conducted at state and district locations through the BIFC Field Assistance Program.

---

7. Self-Study Considerations:

---

8. Remarks:

BLM MANAGER'S COURSE GUIDE FOR FIRE MANAGEMENT TRAINING

APPENDIX A

GUIDES AND HANDBOOKS

CONTENTS

	PAGE
Learning Fire Weather	A-5
Aids to Determining Fuel Models and Fire Course 1 - Weather	A-5
Fire Course 1 - Weather	A-6
Fireline Explosives	A-6
Some Common Denominators of Fire Behavior on Tragedy and Near-Miss Forest Fires	A-7
Interagency Fire Business Management Handbook (NWCG Handbook #2)	A-7
Wildland Fire Qualification Guide (NWCG 310-1)	A-8
Fire Information Officers Guide	A-8
Water Handling Equipment Guide	A-9
Fireline Handbook (NWCG Handbook #3)	A-9
Wildfire Cause Determination Handbook (NWCG #1)	A-10
Airtanker Base Planning Guide	A-10
Airtanker Performance Guides General Instruction Manual	A-11
Determining Airtanker Delivery Performance Using A Simple Slide Chart/ Retardant Coverage Computer	A-11
Course Development and Format Guidelines	A-12
Planning For Initial Attack	A-12
Prescribed Fire: Smoke Management Guide	A-13
National Fire Danger Rating System (Users Guide)	A-14
Spark Arrester Guide	A-15
Firefighter Guide Forest Service	A-15
Field Manager's Course Guide	A-16
Training and Development	A-16
Firefighter's Common Task Manual and Firefighters Job Task Book	A-17
Position Descriptions	A-19

LEARNING FIRE WEATHER

Content:

Designed for individuals to better understand and apply fire weather basic principles; e.g., temperature, atmospheric moisture, general winds, convective winds, air masses and fronts, clouds and precipitation, thunderstorms, weather and fuel moisture, and fire climate regions.

Source of Materials:

Superintendent of Documents
Government Printing Office
Washington, D.C. 20402

PMS #
NFES #
NWCG Certified | | YES | | NO | | PENDING

AIDS TO DETERMINING FUEL MODELS FOR ESTIMATING FIRE BEHAVIOR

Content:

This report presents photographic examples, tabulations, and a similarity chart to assist fire behavior officers, fuel management specialists, and other field personnel in selecting a fuel model appropriate for a specific field situation. This guide will facilitate the selection of the proper fire behavior fuel model and will allow comparison with fire danger rating fuel models.

Source of Materials:

Boise Interagency Fire Center
3905 Vista Avenue
Boise, ID 83705

PMS #435-1
NFES #1574
NWCG Certified |X| YES | | NO | | PENDING

FIRE COURSE 1 - WEATHER

Content:

A self-study manual of basic meteorology concepts in preparation for formal training in the fire weather course presented by the Ontario Ministry of Natural Resources Aviation and Fire Management Center. The trainee will be able to understand and describe atmosphere, weather pressure, wind, air masses, fronts, and phenomena; and demonstrate computation of the Canadian Fire Weather Index to determine fire weather requirements for specific prescribed burn objectives.

Source of Materials:

Ministry of Natural Resources
Aviation and Fire Management Center
Ontario, Canada

FIRELINE EXPLOSIVES

Content:

This 32-hour course is designed to train individuals in the proper procedure and method for exploding fireline blasting cord for both wildfire and prescribed burns. This includes management and organization required as a blaster-in-charge, safety requirements, transportation, and storage. Completion of this training only qualifies the individual as a blaster-in-training. To receive a blaster-in-charge qualification, the trainee must perform satisfactorily under the direction of a qualified blaster.

Source of Materials:

Training Unit Manager
USDA-Forest Service Aerial Fire Depot
Box 6, Airport Terminal
Missoula, MT 59801

PMS #
NFES #
NWCG Certified | | YES | | NO |X| PENDING

SOME COMMON DENOMINATORS OF FIRE BEHAVIOR ON TRAGEDY AND NEAR-MISS FOREST FIRES

Content:

This booklet identifies and explains common situations, conditions, and fire behavior that have caused loss of life and near-miss. Common factors of which to be aware and Ten Standard Firefighting orders are explained.

Source of Materials:

USDA Forest Service
Northeastern Area
370 Reid Road
Broomwall, PA 19008

INTERAGENCY FIRE BUSINESS MANAGEMENT HANDBOOK NWCG HANDBOOK #2

Content:

Designed to aid participating agencies by avoiding wasteful duplication and to work more constructively together. A more effective fire management program is accomplished by establishing procedures for maintenance of financial and personnel records, of equipment and supplies, coordination of payments, and classification and payment of fire personnel.

Describes procedures for tracking tour of duty and travel time; timekeeping and payments to personnel and for equipment; commissary privileges and Workman's Compensation regarding treatment, forms, medical treatment, accidents, and investigation/reporting. Relates to emergency procurement authority to support the suppression effort; cooperative agreements with other public agencies and the private sector; and claims against the U.S. for property losses or damages, and personal injury, or death.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #902-1
NFES #1139
NWCG Certified |X| YES | | NO | | PENDING

WILDLAND FIRE QUALIFICATION GUIDE
NWCG (310-1)

Contents:

This guide is part of the Wildland Fire Qualification subsystem, which is designed to provide a nationwide source of firefighting personnel who are qualified to perform fire suppression jobs for which they have been certified. It describes the subsystem, which includes incident command skill, and technical specialist positions. It details the physical fitness tests that must be taken and the necessary experience needed in order to qualify for the different fire positions. Organizational complexity and minimum qualifications needed to supervise incidents of varying complexities are stated. The guide itemizes the National Interagency Incident Management System fire position qualifications by title, duties of each position, and the experience and/or training needed for each position. A list of definitions on the qualification subsystem is included.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #
NFES #1414
NWCG Certified |X| YES | | NO | | PENDING

FIRE INFORMATION OFFICERS' GUIDE

Contents:

Designed to provide guidance and direction for fire information officers (FIOs) and/or personnel assigned to information functions on a wildfire situation. The handbook describes the responsibilities of the FIO function to the public and other agencies; provides guidelines for gathering and disseminating information, and for working with the various types of media. It is intended to be used as a working tool, containing pertinent information such as fire and media glossaries, media and fire personnel listing, suggestions for equipment and supplies, etc.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #
NFES #0383
NWCG Certified | | YES | | NO | | PENDING

WATER HANDLING EQUIPMENT GUIDE

Content:

The primary purpose of the guide is to provide wildland firefighting agencies with basic information regarding water handling equipment. It is designed to promote standardization, resulting in reduced equipment costs and an increase in efficiency and safety. Four categories of pump equipment are covered: Pumpers, engines, water tenders, and specialized equipment. The section on water pumping equipment includes a multitude of federal and state vehicles, as well as tractor-plow equipment, and the many kinds of slip-on units. some of the models shown are used not only for suppression but for backfiring as well. The water delivery components section covers the various kinds of hoses, nozzles, connectors, and construction and materials of the components. Different kinds of water storage tanks, hose packs, and storage of hoses are also covered. Photographs are liberally used throughout, while fire hose definitions, equivalent measurements, nozzle flow rates, and pressure and flow tables complete the guide.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #
NFES #1275
NWCG Certified |X| YES | | NO | | PENDING

FIRELINE HANDBOOK
NWCG HANDBOOK 3

Content:

A handbook that provides large fire principles, policies, and data: Lines of authority and policy, firefighting safety, estimating guides, fire organization, fire operations, aviation operation, and demobilization.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #410-1
NFES #0065
NWCG Certified |X| YES | | NO | | PENDING

WILDLAND CAUSE DETERMINATION HANDBOOK
NWCG HANDBOOK 1

Content:

Designed to assist personnel having wildfire protection responsibilities and written for the initial attack firefighter. Emphasizes the importance of accurate fire investigative procedures. The handbook includes a checklist for fire cause determination, which comprises detailed step-by-step procedures. Incorporated into the detailed listing are materials needed, good information gathering techniques, principles of fire spread, indicators of fire direction and fire ignition, fire cause categories, methods of search, photographic and sketching techniques, and how to conclude the investigation.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #412-1
NFES #1874
NWCG Certified |X| YES | | NO | | PENDING

AIRTANKER BASE PLANNING GUIDE

Content:

It is the intent of this guide to provide desirable interagency planning criteria, insuring a cost-effective and efficient operation by all wildfire agencies when designing, modifying, or expanding bases. Material covered ranges from the value analysis prior to building, to the landscaping of the base, and developing a base plan.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #440-1
NFES #1259
NWCG Certified |X| YES | | NO | | PENDING

AIRTANKER PERFORMANCE GUIDES
GENERAL INSTRUCTION MANUAL

Content:

Published as part of a program to improve fire control technology through the use of fire-retarding chemicals and delivery systems for specific fuels and fire situations. Designed to introduce a basis for systematic planning of airtanker use and provide the ability to analyze and evaluate effective tanker uses (relating capabilities or limitations and local fire/fuel situation).

Source of Materials:

USDA Forest Service
Intermountain forest and Range Experiment Station
Ogden, UT 84401

USDA Forest Service
General Technical Report INT-27

PMS #
NFES #
NWCG Certified |X| YES | | NO | | PENDING

DETERMINING AIRTANKER DELIVERY PERFORMANCE USING A SIMPLE SLIDE CHART/RETARDANT COVERAGE COMPUTER

Content:

A reference and guide illustrating and describing airtanker performance through "slide charts" (retardant coverage computer) that identify and depict primary performance characteristics of airtanker delivery systems. Individual coverage computers are developed for many aircraft and delivery systems to allow quick determination of best drop configuration for both water-like and gum-thickened retardants; provide correct time interval between releases for trail or sequential drops and maximum length of line that can be expected at selected retardant coverage levels, and provide an estimate of safe drop heights for possible retardant volumes released.

Source of Materials:

USDA-Forest Service Intermountain Forest and Range Experiment Station
Ogden, UT 84401
Phone (801) 626-3361, FTS 586-3361

PMS #
NFES #
NWCG Certified |X| YES | | NO | | PENDING

COURSE DEVELOPMENT AND FORMAT GUIDELINES
For Courses Developed Under The
National Curriculum Established
And Coordinated By The
NATIONAL WILDFIRE COORDINATING GROUP

Content:

A publication created to guide authors in the design and publication of courses within the Interagency Fire Curriculum established by the National Wildfire Coordinating Group (NWCG). Includes guidance in training development process, formatting materials, and obtaining NWCG certification.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PLANNING FOR INITIAL ATTACK

Content:

This booklet is designed to give the first person on the fire (initial attack incident command) some guidelines for making the right decisions. It contains reminders of the factors that effect forest fire behavior. The importance of knowing details about an area before a fire is stressed. It briefly states the important facts that should be known about weather, fire behavior, equipment, personnel, and back-up forces before actually needing to use this knowledge. The necessary information that should be obtained when a fire is reported is listed, along with how to plan the attack on the fire and what to consider when doing so. The booklet has good illustrations, has "watch out" situations and standard firefighting orders listed as reminders, and has definitions of basic terminology.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #431-1
NFES #1515
NWCG Certified |X| YES | | NO | | PENDING

PRESCRIBED FIRE
SMOKE MANAGEMENT GUIDE

Content:

Provides guidelines for planning and managing smoke from prescribed fire (those started by nature and by managers), achieving air quality requirements through improved smoke management practices. The guide focuses on national smoke management principles, covering smoke management objectives and regulatory requirements; smoke management, monitoring, and evaluation; and minimizing smoke production. Good communication with local regulatory authorities when planning a prescribed burn is stressed. The combustion process, the effect of fuel properties on smoke production, the characteristics of emissions, and the health hazards of smoke are detailed. A smoke management glossary is included.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #420-1
NFES #1279
NWCG Certified |X| YES | | NO | | PENDING

NATIONAL FIRE DANGER RATING SYSTEM
(User's Guide)

Content:

This guide was written to aid the forest manager and to help train observers. It describes the National Fire Danger Rating System (NFDRS) and explains the standards and procedures involved in the system. Topics covered are weather stations, guidelines on fire danger readings, how to take measurements, and how to interpret the results. It describes weather station locations, standards that apply when establishing and maintaining fire/weather stations detail weather observation data, and when to start collecting weather data. The different ways of computing NFDRS are covered, as well as the procedures to decode the Remote Automatic Weather Station (RAWS) report. The guide also familiarizes the reader with the National Fire Weather Data Library at the Ft. Collins Computer Center.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #430-3
NFES #1522
NWCG Certified | | YES | | NO | | PENDING

SPARK ARRESTER GUIDE

Content:

Describes the types and brands of spark arresters and mufflers that should be on 2-strike and 4-strike engines. Section I lists spark arresters alphabetically by model, and name, grouping similar arresters into series, and has illustrations and photographs of each. It lists qualified arresters for motorcycles and trail bikes by model number and rated flow, as well as type of spark arresters by company. Section II shows multiposition small spark arrester exhaust systems (power saws) by model name, with each unit illustrated by photographs. Screen-type power saws are listed alphabetically with screen and muffler numbers noted and with addresses of manufactures. Power saw exhaust systems are listed in a like manner. Section III covers locomotive-type spark arresters, listed by model number, body type, and leg type, with illustrations and appropriate explanatory remarks. Section IV describes the classifications of spark arresters. Section V deals with the problems of inspecting spark arresters on all types of engines.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #430-2
NFES #1361, Supplement Catalog 1364
NWCG Certified |X| YES | | NO | | PENDING

FIREFIGHTER'S GUIDE

Content:

Contains revised and updated information previously found in the Forest Service Fireman's Handbook. Developed by an interagency task group for the Fire Equipment Working Team. Contains basic fire weather, tactics, map reading, care and maintenance of tools, etc.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #414-1
NFES #1571
NWCG Certified |X| YES | | NO | | PENDING

FIELD MANAGER'S COURSE GUIDE

Content:

This guide establishes the process and procedures for fire management personnel development. It provides National guidance and is intended to be supplemented at state and local levels to meet specific needs.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #901-1
NFES #1260
NWCG Certified | | YES | | NO |X| PENDING

TRAINING AND DEVELOPMENT

Content:

The Training and Development job performance requirement based curriculum was developed by the Boise Interagency Fire Center, Division of Training in cooperation with the Bureau of Indian Affairs, the National Park Service, and the Bureau of Land Management of the U.S. Department of the Interior.

The curriculum meets the need for a sound structure upon which to build highly qualified training and development personnel. Although the charter to produce this curriculum came from the fire management community, the product can be applied to any discipline.

Source of Materials:

Boise Interagency Fire Center (BIFC)
3905 Vista Avenue
Boise, ID 83705
Contact: John Steffens
Phone (208) 334-9891, FTS 554-9891

FIREFIGHTERS COMMON TASK MANUAL
and
FIREFIGHTERS JOB TASK BOOK

Content:

The firefighters Common Task Manual has been designed to provide the District FMO, crew foreman, or engine foreman and the individual firefighter with the information necessary to support individual and group training at the unit level. This information can be used as self-study by the individual firefighter, or used by the supervisor to plan, prepare, conduct, evaluate and monitor individual training of the tasks. This manual should be used in conjunction with local procedures and guidelines to train individuals and crews.

The manual and related task book contains the common tasks that are essential for all firefighters to combat widlfires. They contain the standardized performance tasks which will help firefighters safely fight and suppress wildfire and assist in prescribed fire situations.

Source of Materials:

Boise Interagency Fire Center (BIFC) Warehouse
3905 Vista Avenue
Boise, ID 83705
Phone (208) 334-9462, FTS 554-9462

PMS #
NFES #1384 Firefighters Common Task Manual
NFES #1412 Firefighters Job Task Book
NWCG Certified | | YES |X| NO | | PENDING

POSITION DESCRIPTION

The manuals outlining the various ICS position descriptions, duties, and responsibilities are warehoused and distributed from the Boise Interagency Fire Center. These manuals with their NFES order numbers follow:

NFES

2853 Air Attack Supervisor ICS 222-6
2856 Air Support Supervisor ICS 222-9
2855 Airtanker Coordinator ICS 222-8
2852 Branch Director ICS 222-5
2836 Communications Unit Leader ICS 223-5
2843 Compensation/Claims Unit Leader ICS 224-4
2842 Cost Unit Leader ICS 224-3
2831 Demobilization Unit Leader ICS 221-4
2832 Documentation Unit Leader ICS 221-10
2838 Facilities Unit Leader 223-8
2840 Finance Section Chief ICS 224-1
2835 Food Unit leader ICS 223-4
2834 Ground Support Unit Leader 223-3
2854 Helicopter Coordinator ICS 222-7
2857 Incident Commander ICS 220-1
2858 Information Officer
2859 Liaison Officer ICS 220-3
2833 Logistics Section Chief ICS 223-1
2847 Logistics Service Branch Director ICS 223-6
2844 Logistics Support Branch Director ICS 223-2
2837 Medical Unit Leader ICS 223-7
2849 Operations Branch Director ICS 222-2
2850 Division/Group Supervisor ICS 222-3
2848 Operations Section Chief ICS 222-1
2827 Planning Section Chief ICS 221-1
2845 Procurement Unit Leader ICS 224-5
2829 Resources Unit Leader ICS 221-3
2860 Safety Officer ICS 220-4
2828 Situations/Statistics ICS 221-2
2839 Supply Unit Leader ICS 323-9
2851 Strike Team/Task Force Leader ICS 222-4
2830 Technical Specialist ICS 221-5
2841 Time Unit Leader ICS 244-2

BLM Library
Denver Federal Center
Bldg. 85, OC-521
P.O. Box 25047
Denver, CO 80225